



**REMOVAL PROGRAM
CHRONOLOGICAL SUMMARY REPORT
FOR THE
MILLER LISBON MILLS SITE
LISBON, MAINE
24 SEPTEMBER 2003**

Prepared For:

U.S. Environmental Protection Agency
Region I
Emergency Planning and Response Branch
1 Congress Street, Suite 1100
Boston, MA 02114-2023

CONTRACT NO. 68-W-00-097

TDD NO. 03-08-0008

TASK NO. 6373

DC NO. R-2399

Submitted By:

Weston Solutions, Inc.
Region I
Superfund Technical Assessment and Response Team 2000 (START)
37 Upton Drive
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January 2004

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I. Narrative Chronology

Narrative Chronology

Introduction

The Miller Lisbon Mills site (the site) consists of two parcels located along opposite sides of the Sabbatus River, at 15-19 Mill Street in Lisbon, Androscoggin County, Maine. Geographic coordinates of the site are latitude 44° 01' 14" north, and longitude 70° 05' 29" west, as measured from the approximate center of the site [see Appendix A - Site Location Map (Figure 1)]. The properties are identified as Lot Nos. 42 and 43 on Lisbon Town Map U-13. The site is the location of a former textile mill. The site is bordered to the north, east, and south by vegetated open land and residential areas, and to the west by Mill Street. The Sabattus River bisects the property from east to west. The mill consists of four separate buildings: the main mill building, the weave house, the boiler house, and the machine shop [see Appendix B - Sample Location Diagram (Figure 2)].

Site History

The site was the former Mill Street Textile Mill, which was purchased by Miller Industries, Inc. (Miller) in 1970. Miller continued textile operations at the mill until 1997, at which time manufacturing operations ceased. The mill is currently used by Miller for storage. Asbestos-containing material (ACM) is present in fair to poor condition in all site buildings, except for the machine shop. All drums and containers of hazardous materials previously stored on site have reportedly been removed. During the process of evaluating hazardous waste generator closure at this and other sites owned by Miller, the Maine Department of Environmental Protection (ME DEP) identified issues that must be addressed before clean closure could be certified. Miller subsequently retained the services of environmental consultant Sevee & Maher Engineering, Inc. (SMEI), which began waste identification, and prepared sampling and analysis plans for the site. Contaminants identified at this site and other mill properties owned by Miller include ACM, polychlorinated biphenyls (PCBs), lead paint, metals-containing dye powders and liquids, mercury-containing fluorescent lights, and various chemicals used in textile production including metals, acids, and volatile organic compounds (VOCs). Future plans for the site by Miller include obtaining compliant hazardous waste generator closure, performing asbestos abatement, and demolishing some of the mill buildings.

Site Activities

On 27 August 2003, Weston Solutions, Inc. Superfund Technical Assessment and Response Team (START) members Mandy Butterworth, Paul Callahan, and Bill Mahany; and U. S. Environmental Protection Agency (EPA) On-Scene Coordinators (OSCs) Wing Chau and Catherine Young mobilized to the site and met ME DEP representative Andy Slusarski and SMEI representative Guy Cote for the purpose of conducting a site reconnaissance. START personnel established a support zone, and calibrated the air monitoring instruments, which included a photoionization detector (PID), a flame ionization detector (FID), a combustible gas indicator/oxygen meter (CGI/O₂), and a radiation meter (MicroR). Ambient conditions were documented in the site health and safety plan (HASP) as follows: PID = 0.0 units; FID = 0.0 units; oxygen (O₂) = 21%; lower explosive limit (LEL) = 0%; and MicroR = 12 microroentgens per hour (μ R/hr). The HASP was prepared as a separate document, entitled *Removal Program Site Health and Safety Plan for the Miller Lisbon Mills Preliminary Assessment/Site Investigation, Lisbon, Maine*.

An exterior and interior walk-through of the property was conducted by all site personnel. The main mill building was a brick building used for storage by Miller. Portions of the main mill building were observed to be in a state of disrepair and were not entered due to questionable structural integrity. ACM was observed in fair to poor condition in many areas of the building. The roof over the dye vat pit room had partially collapsed, allowing precipitation to enter the building. All mercury-containing fluorescent lights were observed to have been removed from the main mill building. The machine shop was a two-story brick building in good condition. All containers of hazardous materials had been removed from the machine shop building. The boiler house contained large amounts of ACM in poor condition. Negative air enclosures were observed around the oil pump and sump area in the boiler house, which had recently been cleaned of excess oil resulting from historical spills in the area. The weave house was not entered due to the deteriorating structural integrity of the building. Areas immediately surrounding the site buildings were observed to be generally clear of vegetation and predominantly level. A former electrical substation was located east of the weave house.

Sampling Activities

On 24 September 2003, OSC Chau and START members Butterworth, John Burton, and Jessica Burkhamer mobilized to the site to conduct sampling activities. EPA and START personnel were met on site by SMEI representative Cote. OSC Chau and START member Butterworth conducted an exterior walk-through of the site and selected 22 soil sampling stations, labeled SS-01 through SS-22; one dye vat pit grab sample location (PIT-01); and one grab oil sample location in an oil patch emanating from the ground adjacent to the smokestack (OIL-01). Soil sample locations were marked with pin flags, which were removed from the property at the conclusion of sampling activities.

START personnel donned appropriate personal protective equipment (PPE), as detailed in the site HASP, and began collecting soil samples. Grab soil samples were collected using dedicated sampling equipment, for VOC, semivolatile organic compound (SVOC), pesticide/polychlorinated biphenyl (pest/PCB), and Target Analyte List (TAL) metals analyses. All sampling activities were conducted in accordance with the site sampling quality assurance/quality control (QA/QC) plan, which has been prepared as a separate document, entitled *Removal Program Sampling Quality Assurance/Quality Control Plan for the Miller Lisbon Mills Preliminary Assessment/Site Investigation, Lisbon, Maine*. An additional grab sample, labeled PR-01, was collected from an oil-like substance emanating from the ground/wall surfaces of the boiler room, for oil identification and PCB analyses. Sample PIT-01 was collected from the former dye vat pit using a stainless steel scoop attached to a pole for VOC, SVOC, pest/PCB, and TAL metals analysis. Descriptions of samples collected are presented in Table 1.

TABLE 1
Sample Descriptions

Station No. and EPA Sample No.	Sample Type and Matrix	Grab or Composite	Sample Depth (Inches)	Geographic Coordinates	Comments
SS-01 D11850	Soil	Grab	0 - 3	44° 01' 13.10" N 70° 05' 27.75" W	
SS-02 D11851	Soil	Grab	0 - 3	44° 01' 12.88" N 70° 05' 27.86" W	
SS-03 D11852	Soil	Grab	0 - 3	44° 01' 12.59" N 70° 05' 27.76" W	
SS-04 D11853	Soil	Grab	0 - 3	44° 01' 12.60" N 70° 05' 27.17" W	
SS-05 D11854	Soil	Grab	0 - 3	44° 01' 13.16" N 70° 05' 26.70" W	MS/MSD/Dup
SS-06 D11855	Soil	Grab	0 - 3	44° 01' 12.86" N 70° 05' 27.37" W	
SS-07 D11856	Soil	Grab	0 - 3	44° 01' 13.88" N 70° 05' 28.26" W	
SS-08 D11857	Soil	Grab	0 - 3	44° 01' 14.17" N 70° 05' 28.63" W	
SS-09 D11858	Soil	Grab	0 - 3	44° 01' 13.71" N 70° 05' 27.44" W	
SS-10 D11859	Soil	Grab	0 - 3	44° 01' 13.61" N 70° 05' 27.57" W	
SS-11 D11860	Soil	Grab	0 - 3	44° 01' 13.78" N 70° 05' 28.20" W	
SS-12 D11861	Soil	Grab	0 - 3	44° 01' 14.20" N 70° 05' 29.10" W	
SS-13 D11862	Soil	Grab	0 - 3	44° 01' 17.12" N 70° 05' 29.59" W	
SS-14 D11863	Soil	Grab	0 - 3	44° 01' 16.75" N 70° 05' 29.13" W	
SS-15 D11864	Soil	Grab	0 - 3	44° 01' 15.69" N 70° 05' 27.74" W	
SS-16 D11865	Soil	Grab	0 - 3	44° 01' 16.81" N 70° 05' 28.12" W	
SS-17 D11866	Soil	Grab	0 - 3	44° 01' 16.97" N 70° 05' 28.75" W	Under former electrical substation.
SS-18 D11874	Soil	Grab	0 - 3	44° 01' 17.69" N 70° 05' 29.18" W	

Table 1
Sample Descriptions (Concluded)

Station No. and EPA Sample No.	Sample Type and Matrix	Grab or Composite	Sample Depth (Inches)	Geographic Coordinates	Comments
SS-19 D11875	Soil	Grab	0 - 3	44° 01' 18.49" N 70° 05' 29.99" W	
SS-20 D11876	Soil	Grab	0 - 3	44° 01' 17.83" N 70° 05' 31.60" W	
SS-21 D11877	Soil	Grab	0 - 3	44° 01' 14.51" N 70° 05' 31.03" W	Truck exhaust running near sample location during sample collection.
SS-22 D11878	Soil	Grab	0 - 3	44° 01' 13.47" N 70° 05' 30.74" W	
PIT-01 D11870	Waste Material	Grab	0 - 3	Could not be located using GPS.	Collected from dye vat pit indoors.
PR-01 D11872	Waste Oil	Grab	0 - 3	Could not be located using GPS.	Water mixed with oil emanating from ground.
RB-01 D11828	Aqueous	Grab	NA	NA	Rinsate Blank

NA - Not applicable.

GPS - global positioning system

MS/MSD/Dup - matrix spike/matrix spike duplicate/duplicate

N - North

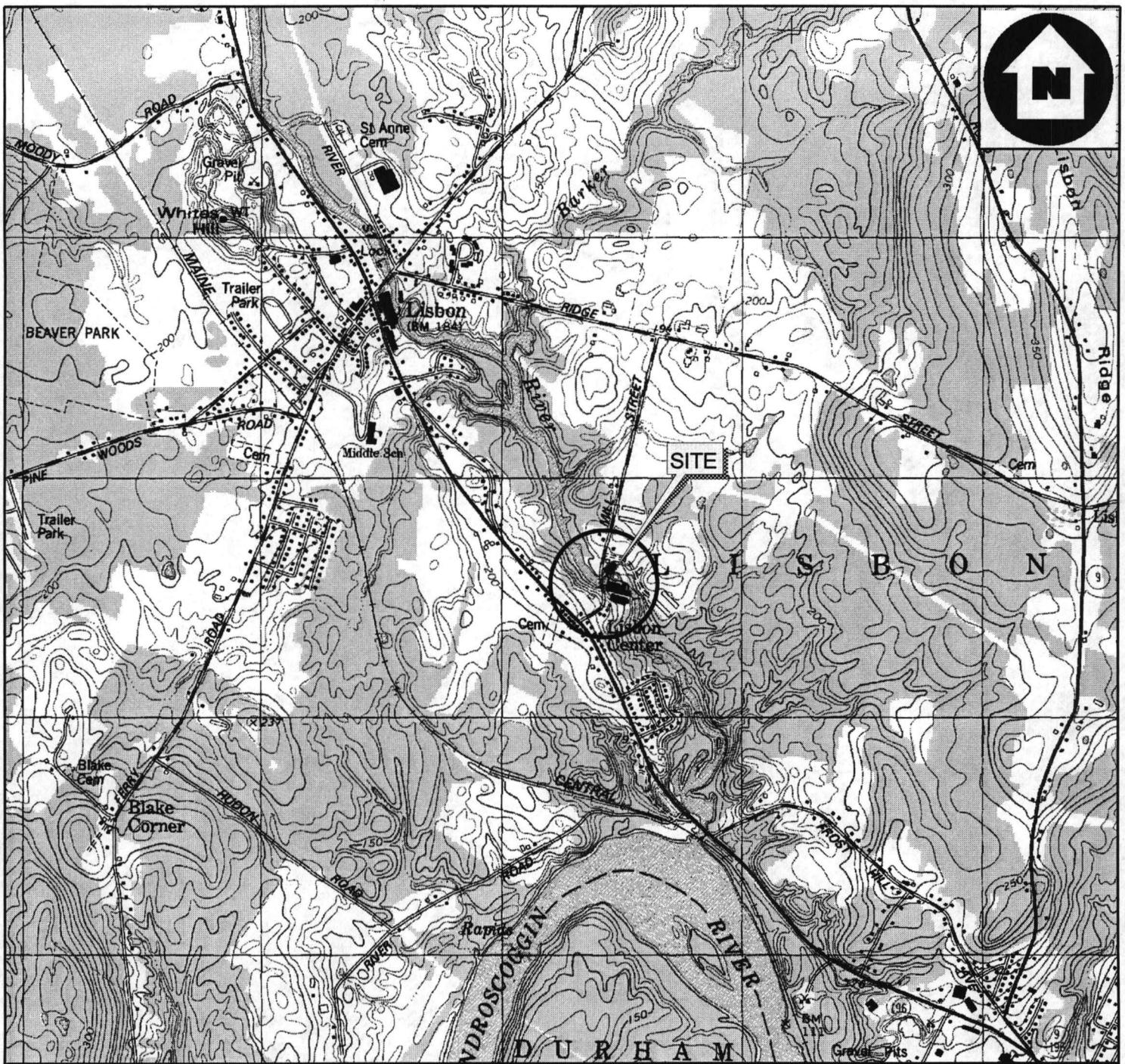
W - West

Upon completion of sampling activities, the geographic coordinates of each sampling location were recorded using a Trimble Pathfinder Global Positioning System (GPS) unit, and sample locations/site conditions were photodocumented (see Appendix C - Photodocumentation Log). START personnel labeled and packaged the samples, placed the sample containers in a cooler with ice, loaded the vehicles, and departed the site.

On 25 September 2003, START personnel completed chain-of-custody paperwork, and shipped the samples via Federal Express to their respective laboratories (see Appendix D - Chain-of-Custody Record). Samples to be analyzed for organic parameters were sent to Laucks Testing Laboratories, Inc., located in Seattle, Washington, and samples to be analyzed for inorganic parameters were sent to Compuchem located in Cary, North Carolina. The product sample was hand-delivered to Woods Hole Group located in Raynham, Massachusetts for oil identification and PCB analyses (see Appendix E - Analytical Data).

II. Appendices

Appendix A
Site Location Map (Figure 1)



BASE MAP IS A PORTION OF THE FOLLOWING 7.5 X 15' U.S.G.S. QUADRANGLE(S):

LISBON FALLS NORTH, MAINE. 1979.

1 0 1 Miles
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 Feet

1 0 1 Kilometers



QUADRANGLE LOCATION

SITE LOCATION MAP

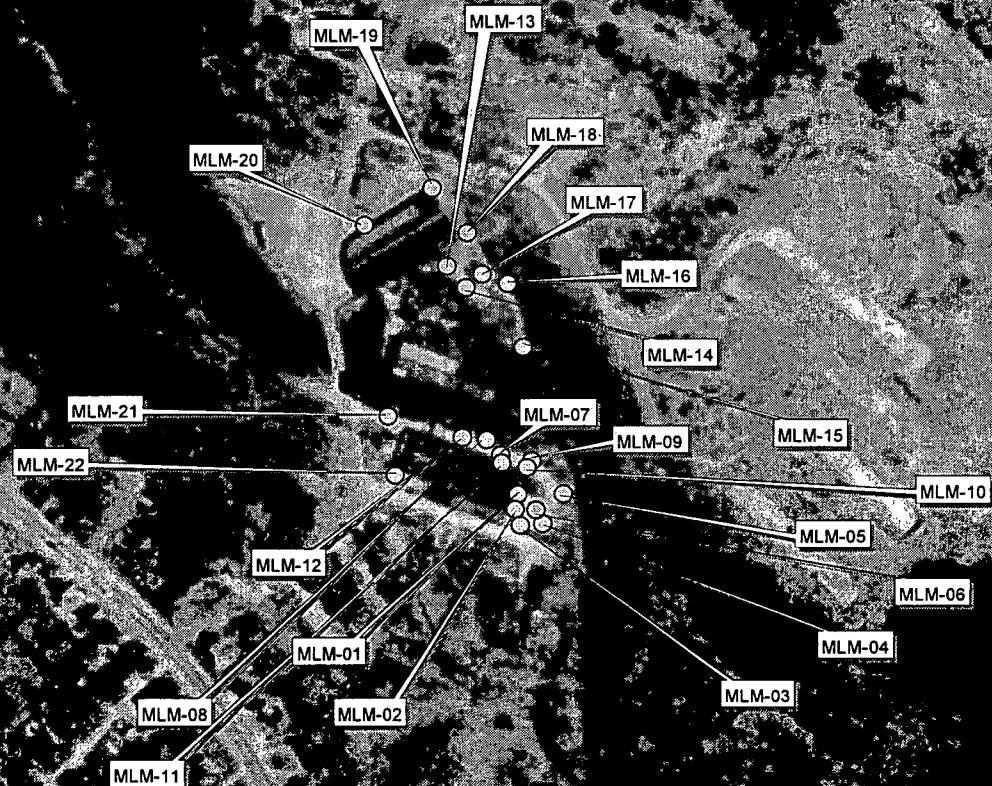
MILLER LISBON MILLS
15 - 19 MILL STREET
LISBON, MAINE

WESTON
SOLUTIONS™
Restoring Resource Efficiency

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE:
03-08-0008	BUTTERWORTH	11/13/2003
FILE NAME:	E:\ARC_APRS\START2\MILLERMAINESITES.APR	
	FIGURE 1	

Appendix B
Sample Location Diagram (Figure 2)



SAMPLE LOCATION DIAGRAM

MILLER LISBON MILLS
15-19 MILL STREET
LISBON, MAINE

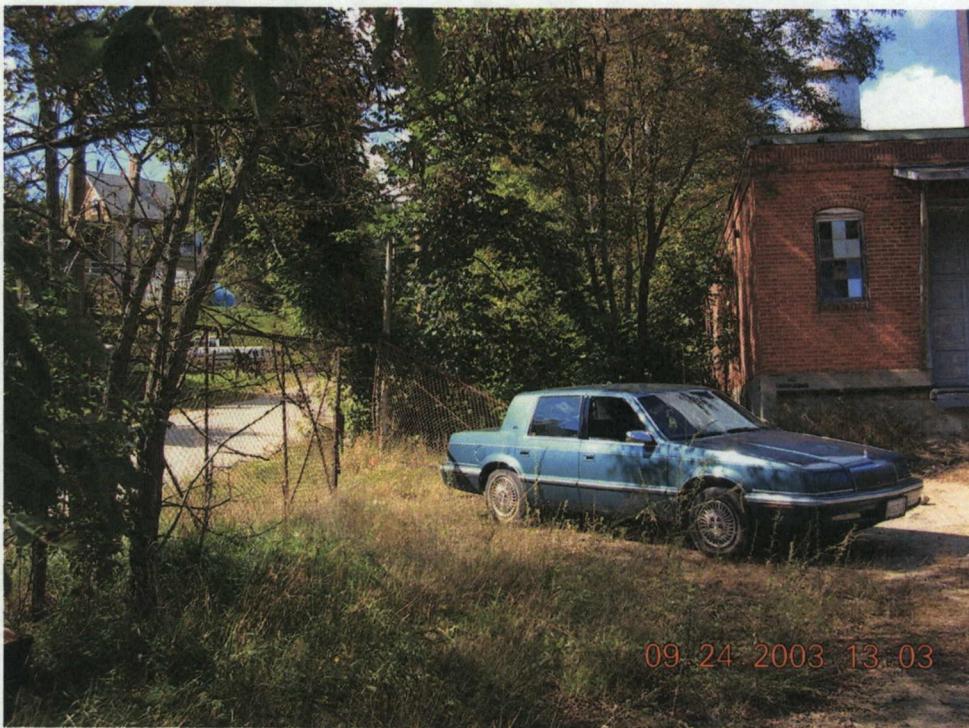


REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD NUMBER: 03-08-0008	CREATED BY: D. MUZRALL	CREATED ON: 11/5/2003
FILE LOCATION: E:\ARC_APRS\START2\MILLERMAMESITES.APR	FIGURE 2	

Appendix C
Photodocumentation Log

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine



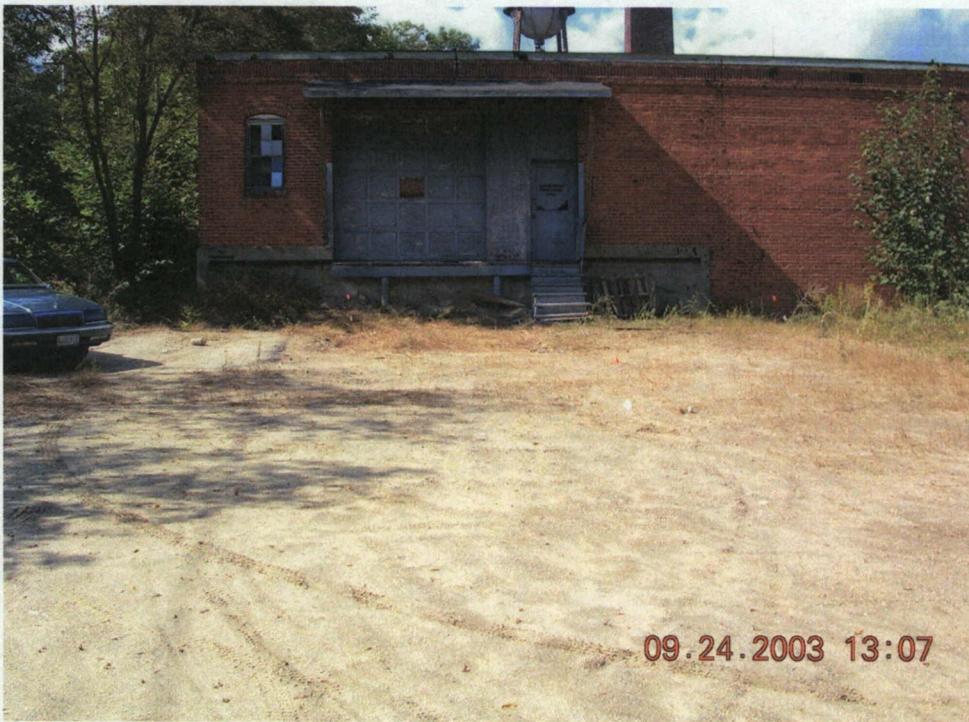
SCENE: View of sample location SS-03, located behind the car, adjacent to the fence. Photograph taken facing west.

DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:03 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample locations SS-01 (back right), SS-02 (back left), and SS-03 (foreground). Photograph taken facing northwest.

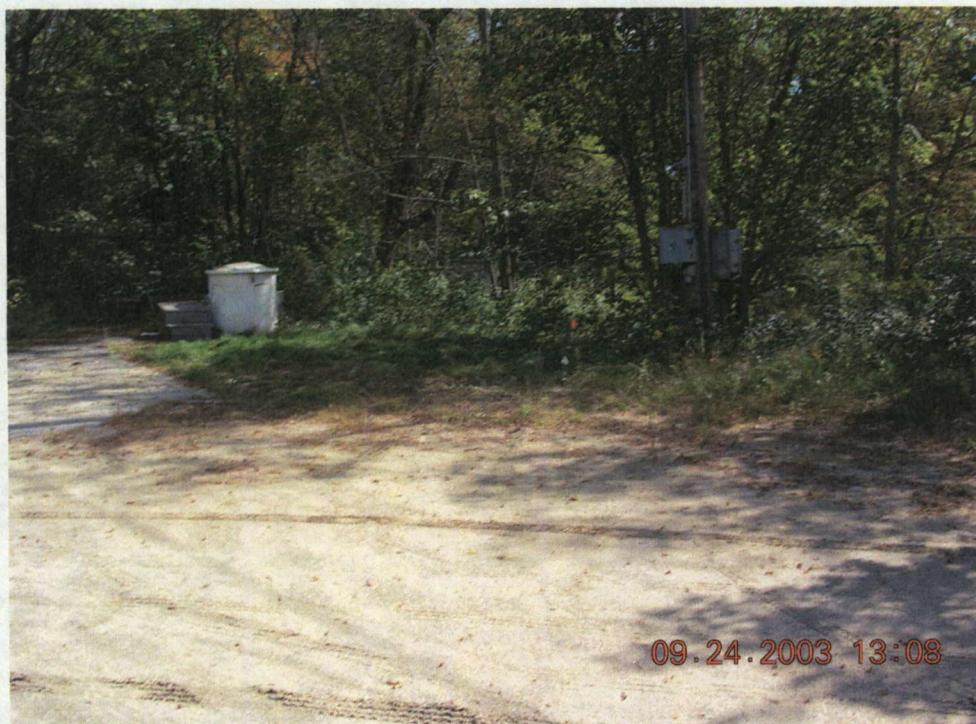
DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:07 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine



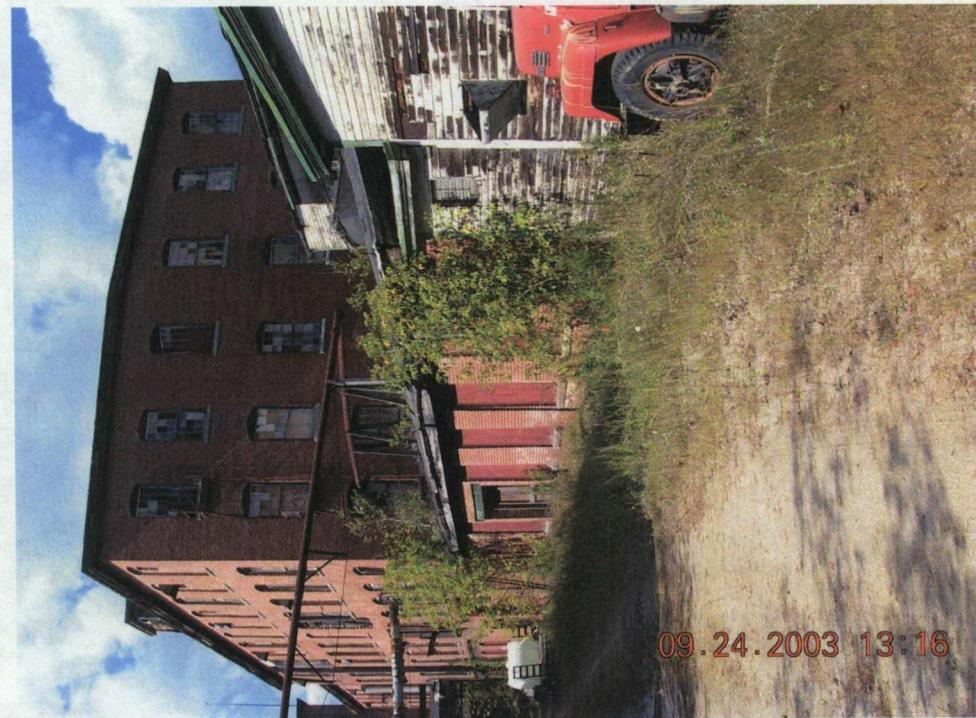
SCENE: View of sample location SS-04, located adjacent to the utility pole. Photograph taken facing southwest.

DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:08 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample location SS-09, located north of abandoned truck. Photograph taken facing northwest.

DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:16 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine

TOP



09.24.2003 13:18

SCENE: View of sample location SS-11, located in the alley between the machine shop and the main mill building.
Photograph taken facing west.

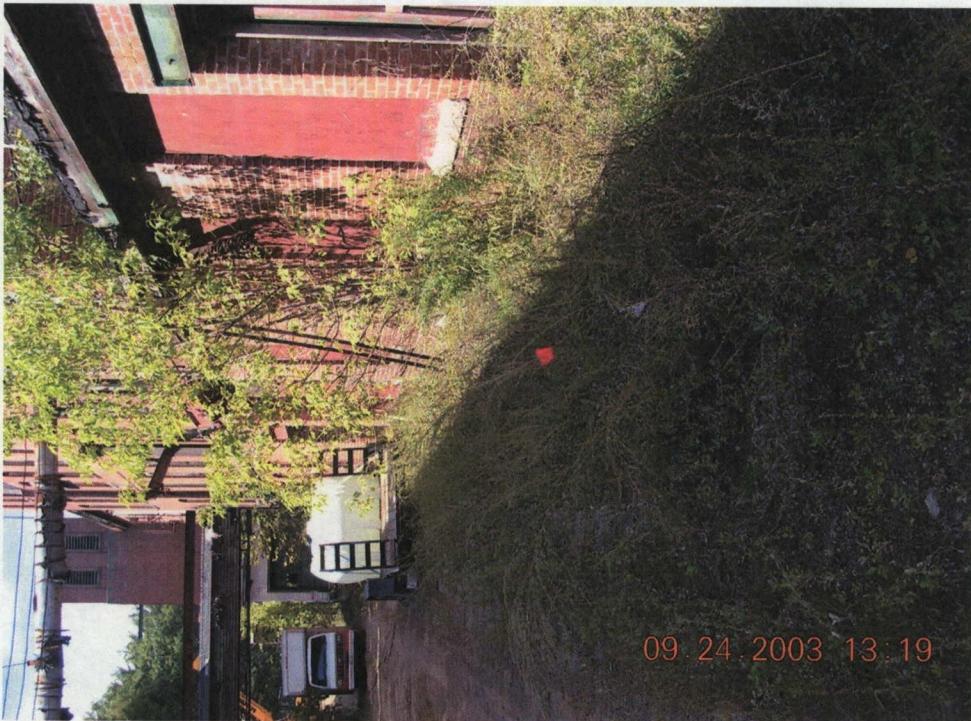
DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:18 hours

CAMERA: Nikon CoolPix 3100

TOP



09.24.2003 13:19

SCENE: View of sample location SS-07, located in the alley between the machine shop and the main mill building.
Photograph taken facing northwest.

DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:19 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine

TOP



09 24 2003 13:21

SCENE: View of sample location SS-05, located east of the machine shop, adjacent to the Sabattus River. Photograph taken facing southwest.

DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:21 hours

CAMERA: Nikon CoolPix 3100

TOP



09 24 2003 13:33

SCENE: View of sample location SS-10, located adjacent to the machine shop. Photograph taken facing west.

DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:33 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine

TOP



SCENE: View of sample location SS-12, located adjacent to the machine shop. Photograph taken facing northwest.

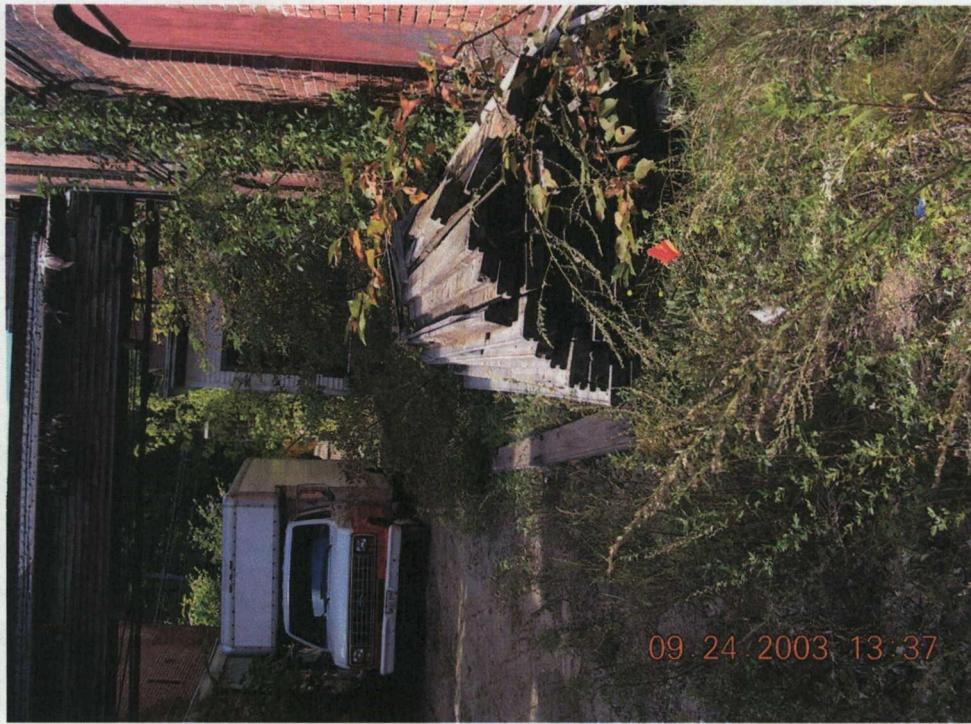
DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:34 hours

CAMERA: Nikon CoolPix 3100

TOP



SCENE: View of sample location SS-08, located adjacent to the main mill building. Photograph taken facing west.

DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:37 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine

TOP



SCENE: View of sample location SS-21, located adjacent to the main mill building. Photograph taken facing northeast.

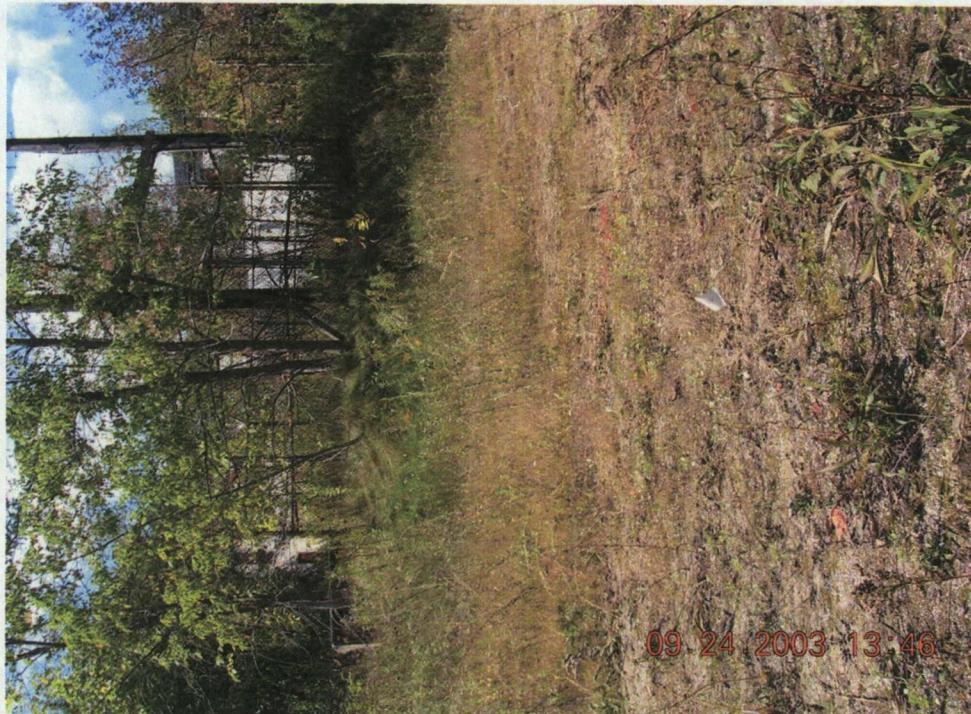
DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:41 hours

CAMERA: Nikon CoolPix 3100

TOP



SCENE: View of sample location SS-16, located east of the former substation (in background). Photograph taken facing northwest.

DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:46 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine

TOP



SCENE: View of sample location SS-15, located in front of the access bridge to the main mill building. Photograph taken facing southwest.

DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:48 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample location SS-17, located within the former substation area. Photograph taken facing northwest.

DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:50 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine

TOP



09.24.2003 13:52

SCENE: View of sample location SS-14, located along the riverbank. Photograph taken facing northwest.

DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:52 hours

CAMERA: Nikon CoolPix 3100



09.24.2003 13:53

SCENE: View of sample location SS-13, located south of the weave house, adjacent to an abandoned truck. Photograph taken facing northwest.

DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:53 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine



SCENE: View of sample location SS-18, located east of the weave house. Photograph taken facing north-northwest.

DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:55 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample location SS-19, located north of the weave house. Photograph taken facing west.

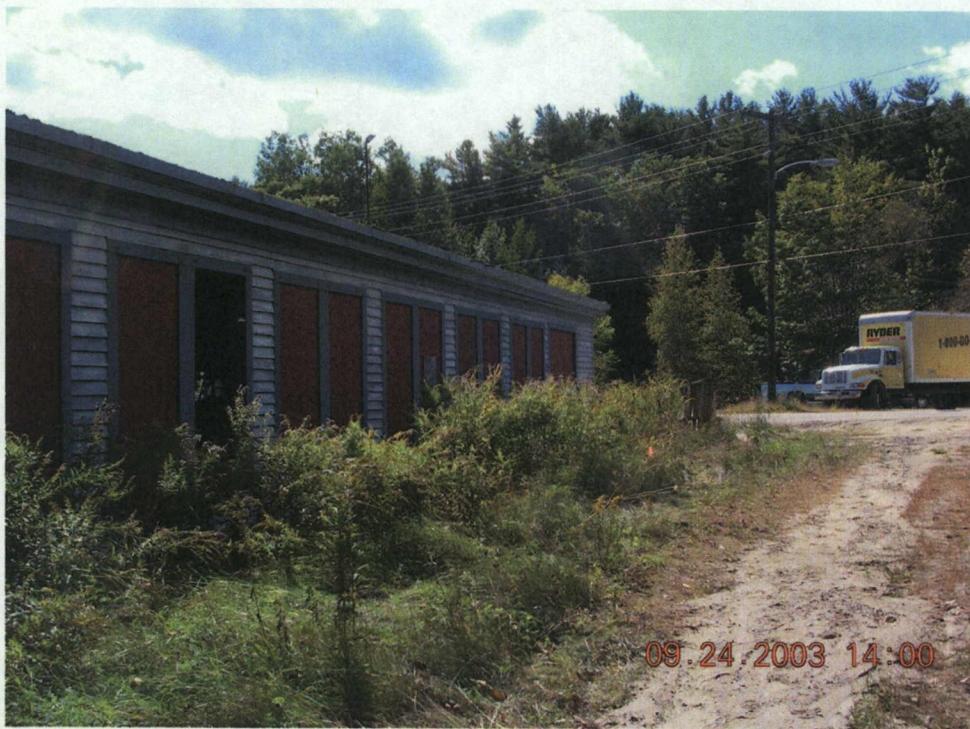
DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 13:58 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine



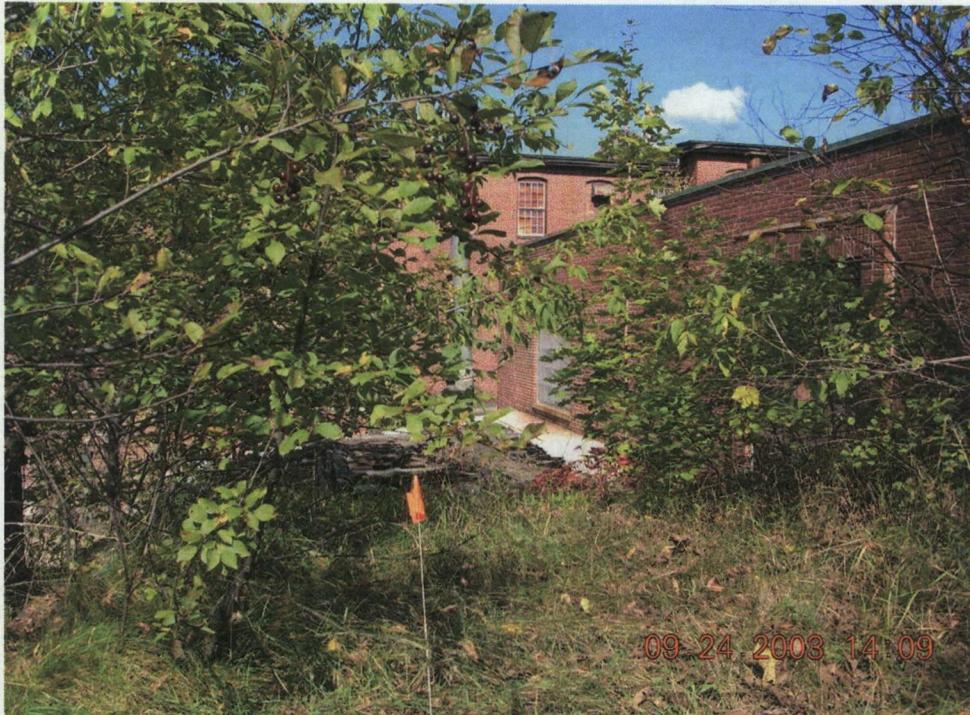
SCENE: View of sample location SS-20, located northeast of the weave house. Photograph taken facing northwest.

DATE: 24 September 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 14:00 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample location SS-22, located southwest of the boiler house. Photograph taken facing north.

DATE: 24 Septemeber 2003

PHOTOGRAPHY BY: Jessica Burkhamer

TIME: 14:09 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Miller Lisbon Mills • Lisbon, Maine



SCENE: View of sample location PIT-01, collected from the dye vat pit located in the main mill building. Photograph taken facing east.

DATE: 24 September 2003

PHOTOGRAPHY BY: Wing Chau

TIME: 14:20 hours

CAMERA: Nikon CoolPix 3100

Appendix D
Chain-of-Custody Record



USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case	
Client No:	0617F
SDG No:	L
For Lab Use Only	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

Date Shipped: 9/25/2003 Carrier Name: FedEx Airbill: 838392261583 Shipped to: Compuchem 501 Madison Avenue Cary NC 27513 (919) 379-4006	Chain of Custody Record		Sampler <i>M Butterworth</i> Signature:	
	Released By	(Date / Time)	Received By	(Date / Time)
	1 <i>M Butterworth</i>	9/25/03 1400		
	2			
	3			
	4			

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
D11828	Field QC/ Mandy Butterworth	M/G	TALMet (14)	142 (HNO3/Ice) (1)	RB-01	S: 9/24/2003	16:30	
D11850	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-01	S: 9/24/2003	10:55	
D11851	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-02	S: 9/24/2003	11:03	
D11852	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-03	S: 9/24/2003	11:07	
D11853	Soil (0"-3")/ Mandy Butterworth	M/G	TALMet (14)	(Ice Only) (1)	SS-04	S: 9/24/2003	11:00	
D11854	Soil (0"-3")/ Mandy Butterworth	M/G	TALMet (14)	(Ice Only), 141 (Ice Only) (2)	SS-05	S: 9/24/2003	11:07	
D11855	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-06	S: 9/24/2003	11:02	
D11856	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-07	S: 9/24/2003	11:30	
D11857	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-08	S: 9/24/2003	11:35	
D11858	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-09	S: 9/24/2003	11:14	

Shipment for Case Complete? <input checked="" type="checkbox"/>	Sample(s) to be used for laboratory QC: D11854	Additional Sampler Signature(s): <i>J. Burton</i> <i>Jessica Burkhamer</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: TALMet = TAL Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: **1-560206168-092503-0004**

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

F2V5.1.046 Page 1 of 3



USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case

Client No: 0617F
SDG No:

L

Date Shipped: 9/25/2003 Carrier Name: FedEx Airbill: 838392261583 Shipped to: Compuchem 501 Madison Avenue Cary NC 27513 (919) 379-4006	Chain of Custody Record		Sampler Signature: <i>M. Butcher</i>		For Lab Use Only Lab Contract No: _____ Unit Price: _____ Transfer To: _____ Lab Contract No: _____ Unit Price: _____
	Relinquished By	(Date / Time)	Received By	(Date / Time)	
	1 <i>M. Butcher</i>	9/25/03 1400			
	2				
	3				
4					

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
D11859	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-10	S: 9/24/2003	11:12	
D11860	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-11	S: 9/24/2003	11:25	
D11861	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-12	S: 9/24/2003	11:30	
D11862	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-13	S: 9/24/2003	11:50	
D11863	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-14	S: 9/24/2003	11:55	
D11864	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-15	S: 9/24/2003	12:00	
D11865	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-16	S: 9/24/2003	12:08	
D11866	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-17	S: 9/24/2003	12:03	
D11870	Waste/ Mandy Butterworth	M/G	TALMet (14)	(Ice Only) (1)	PIT-01	S: 9/24/2003	15:00	
D11874	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-18	S: 9/24/2003	12:13	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D11854	Additional Sampler Signature(s): <i>Jessica Burkhamer M. Burton</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: TALMet = TAL Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? _____	Shipment Iced? _____

TR Number: 1-560206168-092503-0004

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY



USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case

Client No: 0617F
SDG No:

L

Date Shipped: 9/25/2003 Carrier Name: FedEx Airbill: 838392261583 Shipped to: Compuchem 501 Madison Avenue Cary NC 27513 (919) 379-4006	Chain of Custody Record		Sampler Signature: <i>M. Burkhamer</i>		For Lab Use Only Lab Contract No: _____ Unit Price: _____ Transfer To: _____ Lab Contract No: _____ Unit Price: _____
	Relinquished By	(Date / Time)	Received By	(Date / Time)	
	1 <i>M. Burkhamer</i>	9/25/03 1400			
	2				
	3				
	4				

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
D11875	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-19	S: 9/24/2003	12:30	
D11876	Soil (0"-3")/ Burton John	M/G	TALMet (14)	(Ice Only) (1)	SS-20	S: 9/24/2003	12:15	
D11877	Soil (0"-3")/ Burkhamer Jessica	M/G	TALMet (14)	(Ice Only) (1)	SS-21	S: 9/24/2003	11:40	
D11878	Soil (0"-3")/ Mandy Butterworth	M/G	TALMet (14)	(Ice Only) (1)	SS-22	S: 9/24/2003	11:15	
D12772	PE Soil	M/G	TALMet (14)	(Ice Only) (1)	PE 05 (MS00535)	S: 9/24/2003	14:00	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D11854	Additional Sampler Signature(s): <i>Jessica Burkhamer John Burton</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: TALMet = TAL Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? _____	Shipment Iced? _____

TR Number: 1-560206168-092503-0004

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F2V5.1.046 Page 3 of 3



USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case

Client No: 0632F
SDG No:

L

Date Shipped:	9/25/2003	Chain of Custody Record		Sampler Signature: <i>MButterworth</i>		
Carrier Name:	FedEx	Relinquished By	(Date / Time)	Received By	(Date / Time)	
Airbill:	838392260120	1 <i>MButterworth</i>	9/25/03 1400			
Shipped To:	Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA 98108 (206) 767-5060	2				
		3				
		4				

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
D11827	Field QC/ Mandy Butterworth	M/G	VOC (14)	141 (CH3OH) (1)	MB-02	S: 9/24/2003 16:45	
D11828	Field QC/ Mandy Butterworth	M/G	pest/PCB (14), SVOCs (14), VOC (14)	(CH3OH), 141 (CH3OH), 141 (Ice Only) (4)	RB-01	S: 9/24/2003 16:30	
D11850	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) VOC (14)	580 (Ice Only), 581 (Ice Only), 583 (CH3OH) (3)	SS-01	S: 9/24/2003 10:55	
D11851	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) VOC (14)	584 (Ice Only), 586 (Ice Only), 587 (CH3OH) (3)	SS-02	S: 9/24/2003 11:03	
D11852	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) VOC (14)	588 (Ice Only), 589 (Ice Only), 591 (CH3OH) (3)	SS-03	S: 9/24/2003 11:07	
D11853	Soil (0"-3")/ Mandy Butterworth	M/G	pest/PCB (14), SVOCs (14) VOC (14)	592 (Ice Only), 593 (Ice Only), 595 (CH3OH) (3)	SS-04	S: 9/24/2003 11:00	
D11854	Soil (0"-3")/ Mandy Butterworth	M/G	pest/PCB (14), SVOCs (14) VOC (14)	(CH3OH), (Ice Only), 141 (CH3OH), 141 (Ice Only) (6)	SS-05	S: 9/24/2003 11:07	
D11855	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) VOC (14)	600 (Ice Only), 601 (Ice Only), 602 (CH3OH) (3)	SS-06	S: 9/24/2003 11:02	
D11856	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) VOC (14)	603 (Ice Only), 604 (Ice Only), 606 (CH3OH) (3)	SS-07	S: 9/24/2003 11:30	
D11857	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) VOC (14)	607 (Ice Only), 608 (Ice Only), 610 (CH3OH) (3)	SS-08	S: 9/24/2003 11:35	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D11854	Additional Sampler Signature(s): <i>J Buttr</i> <i>Jessica Burkhamer</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High pest/PCB = pest/PCB, SVOCs = SVOC, VOC = VOC	Type/Designate: Composite = C, Grab = G	Custody Seal Intact?	Shipment Iced?

TR Number: **1-560206168-092503-0005**

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F2V5.1.046 Page 1 of 3



USEPA Contract Laboratory Program
Generic Chain of Custody

Date Shipped: 9/25/2003
 Carrier Name: FedEx
 Airbill: 838392260120
 Shipped to: Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA 98108
 (206) 767-5060

Chain of Custody Record		Sampler Signature: <i>M Butterworth</i>	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 <i>M Butterworth</i>	9/25/03 1400		
2			
3			
4			

Reference Case

Client No: 0632F
 SDG No:

For Lab Use Only

Lab Contract No:

Unit Price:

Transfer To:

Lab Contract No:

Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
D11858	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) VOC (14)	611 (Ice Only), 612 (Ice Only), 614 (CH3OH) (3)	SS-09	S: 9/24/2003	11:14	
D11859	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) VOC (14)	615 (Ice Only), 616 (Ice Only), 618 (CH3OH) (3)	SS-10	S: 9/24/2003	11:12	
D11860	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) VOC (14)	619 (Ice Only), 620 (Ice Only), 622 (CH3OH) (3)	SS-11	S: 9/24/2003	11:25	
D11861	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) VOC (14)	623 (Ice Only), 624 (Ice Only), 626 (CH3OH) (3)	SS-12	S: 9/24/2003	11:30	
D11862	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) VOC (14)	627 (Ice Only), 628 (Ice Only), 630 (CH3OH) (3)	SS-13	S: 9/24/2003	11:50	
D11863	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) VOC (14)	631 (Ice Only), 632 (Ice Only), 634 (CH3OH) (3)	SS-14	S: 9/24/2003	11:55	
D11864	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) VOC (14)	635 (Ice Only), 637 (Ice Only), 638 (CH3OH) (3)	SS-15	S: 9/24/2003	12:00	
D11865	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) VOC (14)	639 (Ice Only), 640 (Ice Only), 642 (CH3OH) (3)	SS-16	S: 9/24/2003	12:08	
D11866	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) VOC (14)	643 (Ice Only), 644 (Ice Only), 646 (CH3OH) (3)	SS-17	S: 9/24/2003	12:03	
D11870	Waste/ Mandy Butterworth	M/G	pest/PCB (14), SVOCs (14) VOC (14)	558 (Ice Only), 559 (Ice Only), 561 (CH3OH) (3)	PIT-01	S: 9/24/2003	15:00	

Shipment for Case Complete? <input checked="" type="checkbox"/>	Sample(s) to be used for laboratory QC: D11854	Additional Sampler Signature(s): <i>JL Burton Jessica Burkhamer</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High pest/PCB = pest/PCB, SVOCs = SVOC, VOC = VOC	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-560206168-092503-0005

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F2V5.1.046 Page 2 of 3



USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case

Client No: 0632F
SDG No:

Date Shipped: 9/25/2003 Carrier Name: FedEx Airbill: 838392260120 Shipped to: Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA 98108 (206) 767-5060	Chain of Custody Record		Sampler Signature: <i>M. Butcher</i>		For Lab Use Only Lab Contract No: Unit Price: Transfer To: Lab Contract No: Unit Price:
	Relinquished By	(Date / Time)	Received By	(Date / Time)	
	1 <i>M. Butcher</i>	9/25/03 1400			
	2				
	3				
4					

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
D11874	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) <i>VOC(14)</i>	647 (Ice Only), 648 (Ice Only), 650 (CH3OH) (3)	SS-18	S: 9/24/2003	12:13	
D11875	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14) <i>VOC(14)</i>	651 (Ice Only), 652 (Ice Only), 654 (CH3OH) (3)	SS-19	S: 9/24/2003	12:30	
D11876	Soil (0"-3")/ Burton John	M/G	pest/PCB (14), SVOCs (14) <i>VOC(14)</i>	655 (Ice Only), 656 (Ice Only), 658 (CH3OH) (3)	SS-20	S: 9/24/2003	12:15	
D11877	Soil (0"-3")/ Burkhamer Jessica	M/G	pest/PCB (14), SVOCs (14), VOC (14)	141 (1) (Ice Only) (Ice Only) (CH3OH) (3)	SS-21	S: 9/24/2003	11:40	
D11878	Soil (0"-3")/ Mandy Butterworth	M/G	pest/PCB (14), SVOCs (14) <i>VOC(14)</i>	141 (1) (Ice / CH3OH) (3)	SS-22	S: 9/24/2003	11:15	
D12768	PE Water	M/G	VOC (14)	1 (CH3OH) (1)	PE-01 (0029142)	S: 9/24/2003	14:00	
D12769	PE Water	M/G	SVOCs (14)	1 (Ice Only) (1)	PE-02 (S00009)	S: 9/24/2003	14:00	
D12770	PE Water	M/G	pest/PCB (14)	1 (1) (Ice Only)	PE-03 (0011598)	S: 9/24/2003	14:00	
D12771	PE Soil	M/G	pest/PCB (14)	1 (Ice Only) (1)	PE-04 (TT05482)	S: 9/24/2003	14:00	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D11854	Additional Sampler Signature(s): <i>Jessica Burkhamer ph Burton</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: pest/PCB = pest/PCB, SVOCs = SVOC, VOC = VOC	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>

TR Number: 1-560206168-092503-0005

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USEPA Contract Laboratory Program
Generic Chain of Custody

Date Shipped:	9/25/2003	Chain of Custody Record		Sampler Signature:	M Butterworth
Carrier Name:	hand delivered	Relinquished By	(Date / Time)	Received By	(Date / Time)
Airbill:		1 M Butterworth	9/25/03 16:15	M Butterworth	9/25/03 16:15
Shipped to:	Woods Hole Group 375 Paramount Drive Suite B Raynham MA 027675154 (508) 822-9300	2		J. M. Butterworth	9/25/03 18:12
		3			
		4			

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
D11872	Sludge (non-RCRA)/ Mandy Butterworth	M/G	OID (14), PCB (14)	578 (Ice Only), 579 (Ice Only) (2)	PR-01	S: 9/24/2003 12:20	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? _____	Shipment Iced? _____
OID = Oil ID, PCB = PCBs (AROCLORS)				

TR Number: **1-560206168-092503-0003**

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Reference Case

Client No: 0625F

SDG No:

For Lab Use Only

Lab Contract No:

Unit Price:

Transfer To:

Lab Contract No:

Unit Price:

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Appendix E
Analytical Data

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
µg/kg

SAMPLE NUMBER:	D11827	D11850	D11851	D11852	D11853
SAMPLE LOCATION:	MB-02	SS-01	SS-02	SS-03	SS-04
LABORATORY NUMBER:	0309359-01	0309359-03	0309359-04	0309359-05	0309359-06
COMPOUND					CRQL
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 U
Chloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	1200 U	1200 U	1200 U
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	1200 U	1200 U	34 J	68 J
Methylene Chloride	1200	1200 U	1200 U	1200 U	1200 U
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	1200 U	98 J	87 J	130 J
Chloroform	1200	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methylcyclohexane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	1200 U	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	1200 U	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
DILUTION FACTOR:					
DATE SAMPLED:	1.0	1.0	1.0	1.0	1.0
DATE ANALYZED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
% MOISTURE:	0	7	7	11	9

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
 $\mu\text{g/L}$

SAMPLE NUMBER:	D11854	D11855	D11856	D11857	D11858
SAMPLE LOCATION:	SS-05	SS-06	SS-07	SS-08	SS-09
LABORATORY NUMBER:	0309359-07	0309359-08	0309359-09	0309349-10	0309359-11
COMPOUND	CRQL				
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 U
Chloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	1200 U	1200 U	160 J
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	56 J	48 J	68 J	1200 U
Methylene Chloride	1200	1200 U	1200 U	1200 U	1200 U
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	93 J	79 J	140 J	110 J
Chloroform	1200	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methylcyclohexane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	1200 U	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	1200 U	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE ANALYZED:	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03
% MOISTURE:	6	8	12	6	17

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
 $\mu\text{g/L}$

SAMPLE NUMBER:	D11859	D11860	D11861	D11862	D11863
SAMPLE LOCATION:	SS-10	SS-11	SS-12	SS-13	SS-14
LABORATORY NUMBER:	0309359-12	0309359-13	0309359-14	0309359-15	0309359-16
COMPOUND	CRQL				
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 U
Chloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	62 J	1200 U	110 J
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	74 J	44 J	1200 U	310 J
Methylene Chloride	1200	1200 U	1200 U	1200 U	51 J
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	85 J	95 J	110 J	110 J
Chloroform	1200	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methylcyclohexane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	1200 U	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	1200 U	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE ANALYZED:	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03
% MOISTURE:	12	11	10	21	7

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
 $\mu\text{g/L}$

	SAMPLE NUMBER: SAMPLE LOCATION: LABORATORY NUMBER:	D11864 SS-15 0309359-17	D11865 SS-16 0309359-18	D11866 SS-17 0309359-19	D11870 PIT-01 0309359-20
COMPOUND	CRQL				
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 U
Chloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	1200 U	1200 U	1200 U
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	23 J	60 J	79 J	210 J
Methylene Chloride	1200	26 J	1200 U	1200 U	1200 U
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	77 J	87 J	130 J	140 J
Chloroform	1200	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methylcyclohexane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	1200 U	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	1200 U	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0
DATE SAMPLED:		09/24/03	09/24/03	09/24/03	09/24/03
DATE ANALYZED:		09/30/03	10/01/03	10/01/03	10/01/03
% MOISTURE:		6	9	7	37

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

**SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11874
LABORATORY: LAUCKS TESTING LABORATORIES**

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
µg/kg

SAMPLE NUMBER: SAMPLE LOCATION: LABORATORY NUMBER:	D11874 SS-18 0309360-01	D11875 SS-19 0309360-02	D11876 SS-20 0309360-03	D11877 SS-21 0309360-04	D11878 SS-22 0309360-05
COMPOUND	CRQL				
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 U
Chloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	1200 U	1200 U	1200 U
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	100 J	170 J	100 J	360 J
Methylene Chloride	1200	1200 U	1200 U	1200 U	1200 U
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	1200 U	1200 U	1200 U	1200 U
Chloroform	1200	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methylcyclohexane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	1200 U	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	1200 U	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE ANALYZED:	10/01/03	10/01/03	10/01/03	10/01/03	10/01/03
% MOISTURE:	10	13	10	12	17

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 2
VOLATILE AQUEOUS ANALYSIS
NON-VALIDATED DATA
 $\mu\text{g/L}$

SAMPLE NUMBER:	D11828
SAMPLE LOCATION:	RB-01
LABORATORY NUMBER:	0309359-02

COMPOUND CRQL

Dichlorodifluoromethane	10	10 U
Chloromethane	10	10 U
Vinyl Chloride	10	10 U
Bromomethane	10	10 U
Chloroethane	10	10 U
Trichlorofluoromethane	10	10 U
1,1-Dichloroethene	10	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	10 U
Acetone	10	7 J
Carbon Disulfide	10	10 U
Methyl Acetate	10	10 U
Methylene Chloride	10	10 U
trans-1,2-Dichloroethene	10	10 U
Methyl tert-Butyl Ether	10	10 U
1,1-Dichloroethane	10	10 U
cis-1,2-Dichloroethene	10	10 U
2-Butanone	10	10 U
Chloroform	10	10 U
1,1,1-Trichloroethane	10	10 U
Cyclohexane	10	10 U
Carbon Tetrachloride	10	10 U
Benzene	10	10 U
1,2-Dichloroethane	10	10 U
Trichloroethene	10	10 U
Methylcyclohexane	10	10 U
1,2-Dichloropropane	10	10 U
Bromodichloromethane	10	10 U
cis-1,3-Dichloropropene	10	10 U
4-Methyl-2-Pentanone	10	10 U
Toluene	10	10 U
trans-1,3-Dichloropropene	10	10 U
1,1,2-Trichloroethane	10	10 U
Tetrachloroethene	10	10 U
2-Hexanone	10	10 U
Dibromochloromethane	10	10 U
1,2-Dibromoethane	10	10 U
Chlorobenzene	10	10 U
Ethylbenzene	10	10 U
Xylene (Total)	10	10 U
Styrene	10	10 U
Bromoform	10	10 U
Isopropylbenzene	10	10 U
1,1,2,2-Tetrachloroethane	10	10 U
1,3-Dichlorobenzene	10	10 U
1,4-Dichlorobenzene	10	10 U
1,2-Dichlorobenzene	10	10 U
1,2-Dibromo-3-chloropropane	10	10 U
1,2,4-Trichlorobenzene	10	10 U

DILUTION FACTOR:	1.0
DATE SAMPLED:	09/24/03
DATE ANALYZED:	10/01/03

* - Result reported from diluted analysis.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
SEMOVOLATILE SOIL ANALYSES
NON-VALIDATED DATA
μg/kg

	SAMPLE NUMBER: SAMPLE LOCATION: LABORATORY NUMBER:	D11850 SS-01 0309359-03	D11851 SS-02 0309359-04	D11852 SS-03 0309359-05	D11853 SS-04 0309359-06	D11854 SS-05 0309359-07	D11855 SS-06 0309359-08
COMPOUND	CRQL						
Benzaldehyde	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Phenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
bis(2-Chloroethyl)Ether	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2-Chlorophenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2-Methylphenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2,2'-oxybis(1-Chloropropane)	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Acetophenone	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
4-Methylphenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
N-Nitroso-di-n-propylamine	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Hexachloroethane	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Nitrobenzene	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Isophorone	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2-Nitrophenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2,4-Dimethylphenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
bis(2-Chloroethoxy)methane	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2,4-Dichlorophenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Naphthalene	330	350 U	340 J	90 J	43 J	190 J	960 J
4-Chloroaniline	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Hexachlorobutadiene	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Caprolactam	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
4-Chloro-3-methylphenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2-Methylnaphthalene	330	350 U	290 J	740 U	360 U	180 J	890 J
Hexachlorocyclopentadiene	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2,4,6-Trichlorophenol	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2,4,5-Trichlorophenol	830	890 U	3600 U	1900 U	910 U	3500 U	3600 U
1,1-Biphenyl	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2-Chloronaphthalene	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2-Nitroaniline	830	890 U	3600 U	1900 U	910 U	3500 U	3600 U
Dimethylphthalate	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2,6-Dinitrotoluene	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Acenaphthylene	330	350 U	1100 J	330 J	130 J	520 J	3800
3-Nitroaniline	830	890 U	3600 U	1900 U	910 U	3500 U	3600 U
Acenaphthene	330	350 U	190 J	81 J	42 J	1400 U	280 J
2,4-Dinitrophenol	830	890 U	3600 U	1900 U	910 U	3500 U	3600 U
4-Nitrophenol	830	890 U	3600 U	1900 U	910 U	3500 U	3600 U
Dibenzofuran	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
2,4-Dinitrotoluene	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Diethylphthalate	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Fluorene	330	350 U	600 J	300 J	81 J	350 J	2100
4-Chlorophenyl-phenylether	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
4-Nitroaniline	830	890 U	3600 U	1900 U	910 U	3500 U	3600 U
4,6-Dinitro-2-methylphenol	830	890 U	3600 U	1900 U	910 U	3500 U	3600 U
N-Nitrosodiphenylamine (1)	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
4-Bromophenyl-phenylether	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Hexachlorobenzene	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Atrazine	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Pentachlorophenol	830	890 U	3600 U	1900 U	910 U	3500 U	3600 U
Phenanthrene	330	77 J	3500	2300	830	2200	9400
Anthracene	330	350 U	930 J	500 J	170 J	380 J	3000
Carbazole	330	350 U	1400 U	140 J	54 J	1400 U	1400 U
Di-n-butylphthalate	330	110 J	1400 U	740 U	64 J	1400 U	1400 U
Fluoranthene	330	130 J	3900	2200	1300	1900	9500
Pyrene	330	160 J	9000	3600	1700	3700	28000
Butylbenzylphthalate	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
3,3'-Dichlorobenzidine	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Benzo(a)anthracene	330	75 J	3500	1600	720	1300 J	12000
Chrysene	330	110 J	4800	2000	930	2100	16000
bis(2-Ethylhexyl)phthalate	330	120 J	210 J	120 J	160 J	150 J	170 J
Di-n-octylphthalate	330	350 U	1400 U	740 U	360 U	1400 U	1400 U
Benzo(b)fluoranthene	330	82 J	3000	1400	880	1300 J	8000
Benzo(k)fluoranthene	330	65 J	2000	870	570	870 J	5200
Benzo(a)pyrene	330	72 J	3100	1200	690	1200 J	9000
Indeno(1,2,3-cd)pyrene	330	42 J	1500	570 J	380	600 J	4400
Dibenzo(a,h)anthracene	330	350 U	590 J	220 J	120 J	230 J	2000
Benzo(g,h,i)perylene	330	50 J	1900	700 J	410	730 J	5600
DILUTION FACTOR:		1.0	4.0	2.0	1.0	4.0	4.0
DATE SAMPLED:		09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE EXTRACTED:		09/29/03	09/29/03	09/29/03	09/29/03	09/29/03	09/29/03
DATE ANALYZED:		10/02/03	10/02/03	10/02/03	10/02/03	10/02/03	10/02/03
% MOISTURE:		7	7	11	9	6	8

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
SEMIVOLATILE SOIL ANALYSES
NON-VALIDATED DATA

SAMPLE NUMBER:	D11856	D11857	D11858	D11859	D11860	D11861	
SAMPLE LOCATION:	SS-07	SS-08	SS-09	SS-10	SS-11	SS-12	
LABORATORY NUMBER:	0309359-09	0309349-10	0309359-11	0309359-12	0309359-13	0309359-14	
COMPOUND		CRQL					
Benzaldehyde	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Phenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
bis(2-Chloroethyl)Ether	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2-Chlorophenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2-Methylphenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2,2'-oxybis(1-Chloropropane)	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Acetophenone	330	750 U	700 U	800 U	1500 U	1500 U	370 U
4-Methylphenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
N-Nitroso-di-n-propylamine	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Hexachloroethane	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Nitrobenzene	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Isophorone	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2-Nitrophenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2,4-Dimethylphenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
bis(2-Chloroethoxy)methane	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2,4-Dichlorophenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Naphthalene	330	750 U	78 J	130 J	1500 U	1500 U	370 U
4-Chloroaniline	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Hexachlorobutadiene	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Caprolactam	330	750 U	700 U	800 U	1500 U	1500 U	370 U
4-Chloro-3-methylphenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2-Methylnaphthalene	330	750 U	700 U	94 J	1500 U	1500 U	370 U
Hexachlorocyclopentadiene	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2,4,6-Trichlorophenol	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2,4,5-Trichlorophenol	830	1900 U	1800 U	2000 U	3800 U	3700 U	920 U
1,1'-Biphenyl	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2-Chloronaphthalene	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2-Nitroaniline	830	1900 U	1800 U	2000 U	3800 U	3700 U	920 U
Dimethylphthalate	330	750 U	700 U	800 U	1500 U	1500 U	370 U
2,6-Dinitrotoluene	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Acenaphthylene	330	88 J	700 U	250 J	150 J	1500 U	370 U
3-Nitroaniline	830	1900 U	1800 U	2000 U	3800 U	3700 U	920 U
Acenaphthene	330	110 J	140 J	190 J	1500 U	200 J	370 U
2,4-Dinitrophenol	830	1900 U	1800 U	2000 U	3800 U	3700 U	920 U
4-Nitrophenol	830	1900 U	1800 U	2000 U	3800 U	3700 U	920 U
Dibenzofuran	330	750 U	120 J	98 J	1500 U	1500 U	370 U
2,4-Dinitrotoluene	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Diethylphthalate	330	88 J	700 U	800 U	1500 U	1500 U	370 U
Fluorene	330	120 J	160 J	240 J	1500 U	190 J	370 U
4-Chlorophenyl-phenylether	330	750 U	700 U	800 U	1500 U	1500 U	370 U
4-Nitroaniline	830	1900 U	1800 U	2000 U	3800 U	3700 U	920 U
4,6-Dinitro-2-methylphenol	830	1900 U	1800 U	2000 U	3800 U	3700 U	920 U
N-Nitrosodiphenylamine (1)	330	750 U	700 U	800 U	1500 U	1500 U	370 U
4-Bromophenyl-phenylether	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Hexachlorobenzene	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Atrazine	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Pentachlorophenol	830	1900 U	1800 U	2000 U	3800 U	3700 U	920 U
Phenanthrene	330	1500	1900	2200	1500 U	2000	350 J
Anthracene	330	350 J	420 J	450 J	360 J	500 J	76 J
Carbazole	330	180 J	230 J	250 J	170 J	250 J	370 U
Di-n-butylphthalate	330	91 J	130 J	800 U	1500 U	1500 U	86 J
Fluoranthene	330	3100	3000	3000	2400	2800	650
Pyrene	330	3700	3600	4500	3100	3400	800
Butylbenzylphthalate	330	750 U	700 U	800 U	1500 U	1500 U	370 U
3,3'-Dichlorobenzidine	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Benzo(a)anthracene	330	1700	1700	1900	1300 J	1500	360 J
Chrysene	330	1900	1800	2100	1600	1600	410
bis(2-Ethylhexyl)phthalate	330	150 J	250 J	240 J	200 J	290 J	210 J
Di-n-octylphthalate	330	750 U	700 U	800 U	1500 U	1500 U	370 U
Benzo(b)fluoranthene	330	2000	1800	2700	1800	1700	540
Benzo(k)fluoranthene	330	1500	1300	1200	850 J	1100 J	230 J
Benzo(a)pyrene	330	1700	1400	1800	1200 J	1400 J	370
Indeno(1,2,3-cd)pyrene	330	940	770	770 J	710 J	860 J	200 J
Dibenzo(a,h)anthracene	330	280 J	250 J	240 J	190 J	220 J	56 J
Benzo(g,h,i)perylene	330	980	820	740 J	760 J	930 J	230 J
DILUTION FACTOR:	2.0	2.0	2.0	4.0	4.0	1.0	
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	
DATE EXTRACTED:	09/29/03	09/29/03	09/29/03	09/29/03	09/29/03	09/29/03	
DATE ANALYZED:	10/02/03	10/02/03	10/03/03	10/02/03	10/02/03	10/02/03	
% MOISTURE:	12	6	17	12	11	10	

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
SEMOVOLATILE SOIL ANALYSES
NON-VALIDATED DATA
μg/kg

	SAMPLE NUMBER: SS-13	D11862	D11863 SS-14	D11864 SS-15	D11865 SS-16	D11866 SS-17	D11870 PIT-01
	SAMPLE LOCATION: 0309359-15	0309359-16	0309359-17	0309359-18	0309359-19	0309359-20	
COMPOUND	CRQL						
Benzaldehyde	330	1700 U	350 U	350 U	350 U	1400 U	340 J
Phenol	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
bis(2-Chloroethyl)Ether	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2-Chlorophenol	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2-Methylphenol	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2,2'-oxybis(1-Chloropropane)	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Acetophenone	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
4-Methylphenol	330	180 J	350 U	350 U	350 U	1400 U	2100 U
N-Nitroso-di-n-propylamine	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Hexachloroethane	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Nitrobenzene	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Isophorone	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2-Nitrophenol	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2,4-Dimethylphenol	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
bis(2-Chloroethoxy)methane	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2,4-Dichlorophenol	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Naphthalene	330	1200 J	53 J	350 U	350 U	1400 U	1400 J
4-Chloroaniline	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Hexachlorobutadiene	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Caprolactam	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
4-Chloro-3-methylphenol	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2-Methylnaphthalene	330	660 J	350 U	350 U	350 U	1400 U	640 J
Hexachlorocyclopentadiene	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2,4,6-Trichlorophenol	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2,4,5-Trichlorophenol	830	4200 U	890 U	880 U	880 U	3600 U	5300 U
1,1'-Biphenyl	330	260 J	350 U	350 U	350 U	1400 U	2100 U
2-Chloronaphthalene	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2-Nitroaniline	830	4200 U	890 U	880 U	880 U	3600 U	5300 U
Dimethylphthalate	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
2,6-Dinitrotoluene	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Acenaphthylene	330	860 J	350 U	350 U	350 U	1400 U	530 J
3-Nitroaniline	830	4200 U	890 U	880 U	880 U	3600 U	5300 U
Acenaphthene	330	3700	92 J	350 U	350 U	1400 U	690 J
2,4-Dinitrophenol	830	4200 U	890 U	880 U	880 U	3600 U	5300 U
4-Nitrophenol	830	4200 U	890 U	880 U	880 U	3600 U	5300 U
Dibenzofuran	330	2700	71 J	350 U	350 U	1400 U	960 J
2,4-Dinitrotoluene	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Diethylphthalate	330	1700 U	70 J	350 U	350 U	1400 U	2100 U
Fluorene	330	4600	73 J	350 U	350 U	1400 U	1100 J
4-Chlorophenyl-phenylether	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
4-Nitroaniline	830	4200 U	890 U	880 U	880 U	3600 U	5300 U
4,6-Dinitro-2-methylphenol	830	4200 U	890 U	880 U	880 U	3600 U	5300 U
N-Nitrosodiphenylamine (1)	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
4-Bromophenyl-phenylether	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Hexachlorobenzene	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Atrazine	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Pentachlorophenol	830	4200 U	890 U	880 U	880 U	3600 U	320 J
Phenanthrene	330	36000	850	350 U	110 J	300 J	11000
Anthracene	330	12000	160 J	350 U	350 U	180 J	2900
Carbazole	330	7500	94 J	350 U	350 U	1400 U	1300 J
Di-n-butylphthalate	330	1700 U	210 J	160 J	290 J	1400 U	530 J
Fluoranthene	330	46000	970	350 U	310 J	640 J	13000
Pyrene	330	73000	1100	350 U	290 J	770 J	21000
Butylbenzylphthalate	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
3,3'-Dichlorobenzidine	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Benzo(a)anthracene	330	48000	430	350 U	170 J	450 J	8700
Chrysene	330	42000	470	350 U	180 J	720 J	7600
bis(2-Ethylhexyl)phthalate	330	1800	310 J	940	370	340 J	1000 J
Di-n-octylphthalate	330	1700 U	350 U	350 U	350 U	1400 U	2100 U
Benzo(b)fluoranthene	330	47000	520	350 U	280 J	1400 U	10000
Benzo(k)fluoranthene	330	17000	350 U	350 U	110 J	450 J	4400
Benzo(a)pyrene	330	32000	410	350 U	180 J	460 J	6700
Indeno(1,2,3-cd)pyrene	330	18000	210 J	350 U	87 J	930 J	3200
Dibenzo(a,h)anthracene	330	6300	54 J	350 U	350 U	170 J	970 J
Benzo(g,h,i)perylene	330	18000	230 J	350 U	82 J	910 J	3200
DILUTION FACTOR:		4.0	1.0	1.0	1.0	4.0	4.0
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE EXTRACTED:	09/29/03	09/29/03	09/29/03	09/29/03	09/29/03	09/29/03	09/29/03
DATE ANALYZED:	10/02/03	10/02/03	10/02/03	10/03/03	10/03/03	10/03/03	10/03/03
% MOISTURE:	21	7	6	6	7	7	37

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11874
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 2
SEMOVOLATILE SOIL ANALYSES
NON-VALIDATED DATA
μg/kg

	SAMPLE NUMBER: SAMPLE LOCATION: LABORATORY NUMBER:	D11874 SS-18 0309360-01	D11875 SS-19 0309360-02	D11876 SS-20 0309360-03	D11877 SS-21 0309360-04	D11878 SS-22 0309360-05
COMPOUND	CRQL					
Benzaldehyde	330	370 U	1500 U	730 U	750 U	400 U
Phenol	330	370 U	170 J	730 U	750 U	400 U
bis(2-Chloroethyl)Ether	330	370 U	1500 U	730 U	750 U	400 U
2-Chlorophenol	330	370 U	1500 U	730 U	750 U	400 U
2-Methylphenol	330	370 U	1500 U	730 U	750 U	400 U
2,2'-oxybis(1-Chloropropane)	330	370 UJ	1500 UJ	730 UJ	750 UJ	400 UJ
Acetophenone	330	370 U	1500 U	730 U	750 U	400 U
4-Methylphenol	330	370 U	240 J	730 U	750 U	400 U
N-Nitroso-di-n-propylamine	330	370 U	1500 U	730 U	750 U	400 U
Hexachloroethane	330	370 U	1500 U	730 U	750 U	400 U
Nitrobenzene	330	370 U	1500 U	730 U	750 U	400 U
Isophorone	330	370 U	1500 U	730 U	750 U	400 U
2-Nitrophenol	330	370 U	1500 U	730 U	750 U	400 U
2,4-Dimethylphenol	330	370 U	1500 U	730 U	750 U	400 U
bis(2-Chloroethoxy)methane	330	370 U	1500 U	730 U	750 U	400 U
2,4-Dichlorophenol	330	370 U	1500 U	730 U	750 U	400 U
Naphthalene	330	370 U	4000	730 U	220 J	400 U
4-Chloroaniline	330	370 U	1500 U	730 U	750 U	400 U
Hexachlorobutadiene	330	370 U	1500 U	730 U	750 U	400 U
Caprolactam	330	370 U	1500 U	730 U	750 U	400 U
4-Chloro-3-methylphenol	330	370 U	1500 U	730 U	750 U	400 U
2-Methylnaphthalene	330	370 U	1800	730 U	87 J	400 U
Hexachlorocyclopentadiene	330	R	R	R	R	R
2,4,6-Trichlorophenol	330	370 U	1500 U	730 U	750 U	400 U
2,4,5-Trichlorophenol	830	920 U	3800 U	1800 U	1900 U	1000 U
1,1-Biphenyl	330	370 U	570 J	730 U	750 U	400 U
2-Chloronaphthalene	330	370 U	1500 U	730 U	750 U	400 U
2-Nitroaniline	830	920 U	3800 U	1800 U	1900 U	1000 U
Dimethylphthalate	330	370 U	1500 U	730 U	750 U	400 U
2,6-Dinitrotoluene	330	370 U	1500 U	730 U	750 U	400 U
Acenaphthylene	330	370 U	680 J	120 J	150 J	400 U
3-Nitroaniline	830	920 U	3800 U	1800 U	1900 U	1000 U
Acenaphthene	330	370 U	5900	730 U	450 J	400 U
2,4-Dinitrophenol	830	920 U	3800 U	1800 U	1900 U	1000 U
4-Nitrophenol	830	920 UJ	3800 UJ	1800 UJ	1900 UJ	1000 UJ
Dibenzofuran	330	370 U	4500	730 U	270 J	400 U
2,4-Dinitrotoluene	330	370 U	1500 U	730 U	750 U	400 U
Diethylphthalate	330	59 J	1500 U	730 U	750 U	400 U
Fluorene	330	370 U	4400	730 U	430 J	400 U
4-Chlorophenyl-phenylether	330	370 U	1500 U	730 U	750 U	400 U
4-Nitroaniline	830	920 U	3800 U	1800 U	1900 U	1000 U
4,6-Dinitro-2-methylphenol	830	920 U	3800 U	1800 U	1900 U	1000 U
N-Nitrosodiphenylamine (1)	330	370 U	1500 U	730 U	750 U	400 U
4-Bromophenyl-phenylether	330	370 U	1500 U	730 U	750 U	400 U
Hexachlorobenzene	330	370 U	1500 U	730 U	750 U	400 U
Atrazine	330	370 U	1500 U	730 U	750 U	400 U
Pentachlorophenol	830	920 U	3800 U	1800 U	1900 U	1000 U
Phenanthrene	330	190 J	*60000	860	5000	98 J
Anthracene	330	50 J	8000	200 J	1300	400 U
Carbazole	330	370 U	5900	86 J	640 J	400 U
Di-n-butylphthalate	330	150 J	1500 U	730 U	750 U	110 J
Fluoranthene	330	540	*73000	2000	*8700	180 J
Pyrene	330	670	*69000 J	2500	*12000 J	180 J
Butylbenzylphthalate	330	370 U	1500 UJ	730 U	750 UJ	400 U
3,3'-Dichlorobenzidine	330	370 U	1500 UJ	730 U	750 UJ	400 U
Benzo(a)anthracene	330	310 J	*32000 J	1100	5600 J	77 J
Chrysene	330	360 J	*33000 J	1400	5400 J	94 J
bis(2-Ethylhexyl)phthalate	330	370 U	1500 UJ	730 U	1800 J	400 U
Di-n-octylphthalate	330	370 U	1500 UJ	730 U	750 UJ	400 U
Benzo(b)fluoranthene	330	420	*34000 J	1600	5800 J	110 J
Benzo(k)fluoranthene	330	250 J	*21000 J	940 J	2800 J	55 J
Benzo(a)pyrene	330	320 J	*28000 J	1100	4500 J	72 J
Indeno(1,2,3-cd)pyrene	330	170 J	*12000 J	650 J	2700 J	400 U
Dibenzo(a,h)anthracene	330	41 J	4100 J	180 J	840 J	400 U
Benzo(g,h,i)perylene	330	190 J	*13000 J	720 J	2900 J	52 J
DILUTION FACTOR:		1.0	4.0/30*	2.0	2.0/4.0*	1.0
DATE SAMPLED:		09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE EXTRACTED:		10/01/03	10/01/03	10/01/03	10/01/03	10/01/03
DATE ANALYZED:		10/06/03	10/06/03	10/06/03	10/06/03	10/06/03
% MOISTURE:		10	13	10	12	17

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 4
SEMIVOLATILE AQUEOUS ANALYSIS
NON-VALIDATED DATA
µg/L

	SAMPLE NUMBER:	D11828
	SAMPLE LOCATION:	RB-01
	LABORATORY NUMBER:	0309359-02
COMPOUND		
Benzaldehyde	10	10 U
Phenol	10	10 U
bis(2-Chloroethyl)Ether	10	10 U
2-Chlorophenol	10	10 U
2-Methylphenol	10	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U
Acetophenone	10	10 U
4-Methylphenol	10	10 U
N-Nitroso-di-n-propylamine	10	10 U
Hexachloroethane	10	10 U
Nitrobenzene	10	10 U
Isophorone	10	10 U
2-Nitrophenol	10	10 U
2,4-Dimethylphenol	10	10 U
bis(2-Chloroethoxy)methane	10	10 U
2,4-Dichlorophenol	10	10 U
Naphthalene	10	10 U
4-Chloroaniline	10	10 U
Hexachlorobutadiene	10	10 U
Caprolactam	10	10 U
4-Chloro-3-methylphenol	10	3 J
2-Methylnaphthalene	10	10 U
Hexachlorocyclopentadiene	10	10 U
2,4,6-Trichlorophenol	10	10 U
2,4,5-Trichlorophenol	25	25 U
1,1'-Biphenyl	10	10 U
2-Chloronaphthalene	10	10 U
2-Nitroaniline	25	25 U
Dimethylphthalate	10	10 U
2,6-Dinitrotoluene	10	10 U
Acenaphthylene	10	10 U
3-Nitroaniline	25	25 U
Acenaphthene	10	10 U
2,4-Dinitrophenol	25	25 U
4-Nitrophenol	25	25 U
Dibenzofuran	10	10 U
2,4-Dinitrotoluene	10	10 U
Diethylphthalate	10	10 U
Fluorene	10	10 U
4-Chlorophenyl-phenylether	10	10 U
4-Nitroaniline	25	25 U
4,6-Dinitro-2-methylphenol	25	25 U
N-Nitrosodiphenylamine (1)	10	10 U
4-Bromophenyl-phenylether	10	10 U
Hexachlorobenzene	10	10 U
Atrazine	10	10 U
Pentachlorophenol	25	25 U
Phenanthrene	10	10 U
Anthracene	10	10 U
Carbazole	10	10 U
Di-n-butylphthalate	10	10 U
Fluoranthene	10	10 U
Pyrene	10	10 U
Butylbenzylphthalate	10	10 U
3,3'-Dichlorobenzidine	10	10 U
Benzo(a)anthracene	10	10 U
Chrysene	10	10 U
bis(2-Ethylhexyl)phthalate	10	10 U
Di-n-octylphthalate	10	10 U
Benzo(b)fluoranthene	10	10 U
Benzo(k)fluoranthene	10	10 U
Benzo(a)pyrene	10	10 U
Indeno(1,2,3-cd)pyrene	10	10 U
Dibenzo(a,h)anthracene	10	10 U
Benzo(g,h,i)perylene	10	10 U

DILUTION FACTOR: 1.0
DATE SAMPLED: 09/24/03
DATE EXTRACTED: 10/01/03
DATE ANALYZED: 10/03/03

* - Result reported from diluted analysis.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 5
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
μg/kg

SAMPLE NUMBER:	D11850	D11851	D11852	D11853	D11854	D11855
SAMPLE LOCATION:	SS-01	SS-02	SS-03	SS-04	SS-05	SS-06
LABORATORY NUMBER:	0309359-03	0309359-04	0309359-05	0309359-06	0309359-07	0309359-08
COMPOUND		CRQL				
alpha-BHC	1.7	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U
beta-BHC	1.7	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U
delta-BHC	1.7	1.8 U	17	7.4	2.9	11
gamma-BHC (Lindane)	1.7	1.8 U	10	1.9 U	1.9 U	1.8 U
Heptachlor	1.7	1.8 U	9.1	4.1	3.0	6.7
Aldrin	1.7	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U
Heptachlor Epoxide	1.7	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U
Endosulfan I	1.7	1.8 U	1.8 J	1.9 U	0.94 J	1.8 U
Dieldrin	3.3	3.5 U	3.5 U	3.7 U	3.6 U	3.5 U
4,4'-DDE	3.3	3.5 U	3.5 U	3.7 U	3.6 U	3.5 U
Endrin	3.3	3.5 U	7.4	3.7 U	3.6 U	3.7
Endosulfan II	3.3	3.5 U	3.5 U	3.7 U	3.6 U	3.5 U
4,4'-DDD	3.3	3.5 U	3.5 U	3.7 U	3.6 U	3.5 U
Endosulfan Sulfate	3.3	3.5 U	3.5 U	3.7 U	3.6 U	3.5 U
4,4'-DDT	3.3	3.5 U	21	6.8	7.7	7.7
Methoxychlor	17	18 U	150	44	27	87
Endrin Ketone	3.3	3.5 U	41	12	7.2	22
Endrin Aldehyde	3.3	3.5 U	3.5 U	3.7 U	3.6 U	3.5 U
alpha-Chlordane	1.7	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U
gamma-Chlordane	1.7	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U
Toxaphene	170	180 U	180 U	190 U	190 U	180 U
Aroclor-1016	33	35 U	35 U	37 U	36 U	35 U
Aroclor-1221	67	72 U	72 U	75 U	74 U	71 U
Aroclor-1232	33	35 U	35 U	37 U	36 U	35 U
Aroclor-1242	33	35 U	35 U	37 U	36 U	35 U
Aroclor-1248	33	35 U	35 U	37 U	36 U	35 U
Aroclor-1254	33	35 U	35 U	37 U	36 U	35 U
Aroclor-1260	33	35 U	35 U	37 U	36 U	35 U
DILUTION FACTOR:	1	1	1	1	1	1
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE EXTRACTED:	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03
DATE ANALYZED:	10/12/03	10/12/03	10/12/03	10/12/03	10/12/03	10/16/03
% MOISTURE:	7	7	11	8	6	8

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 5
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
µg/kg

SAMPLE NUMBER:	D11856	D11857	D11858	D11859	D11860	D11861
SAMPLE LOCATION:	SS-07	SS-08	SS-09	SS-10	SS-11	SS-12
LABORATORY NUMBER:	0309359-09	0309349-10	0309359-11	0309359-12	0309359-13	0309359-14
COMPOUND		CRQL				
alpha-BHC	1.7	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
beta-BHC	1.7	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
delta-BHC	1.7	1.9 U	1.8 U	7.1	4.4 U	1.9 U
gamma-BHC (Lindane)	1.7	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
Heptachlor	1.7	2.3	1.7 J	3.6	3.6	1.9 J
Aldrin	1.7	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
Heptachlor Epoxide	1.7	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
Endosulfan I	1.7	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
Dieldrin	3.3	3.8 U	3.5 U	4.0 U	3.8 U	3.7 U
4,4'-DDE	3.3	3.8 U	3.5 U	4.0 U	3.8 U	3.7 U
Endrin	3.3	3.8 U	3.5 U	4.0 U	3.8 U	3.7 U
Endosulfan II	3.3	3.8 U	3.5 U	4.0 U	3.8 U	3.7 U
4,4'-DDD	3.3	3.8 U	3.5 U	4.0 U	3.8 U	3.7 U
Endosulfan Sulfate	3.3	3.8 U	3.5 U	4.0 U	3.8 U	3.7 U
4,4'-DDT	3.3	3.8 U	3.5 U	4.0 U	3.8 U	3.7 U
Methoxychlor	17	32	24	62	32	33
Endrin Ketone	3.3	11	6.5	18	9.6	11
Endrin Aldehyde	3.3	3.8 U	3.5 U	4.0 U	3.8 U	3.7 U
alpha-Chlordane	1.7	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
gamma-Chlordane	1.7	1.9 U	1.8 U	2.0 U	1.9 U	1.5 J
Toxaphene	170	190 U	180 U	200 U	190 U	190 U
Aroclor-1016	33	38 U	35 U	40 U	38 U	37 U
Aroclor-1221	67	76 U	71 U	81 U	76 U	75 U
Aroclor-1232	33	38 U	35 U	40 U	38 U	37 U
Aroclor-1242	33	38 U	35 U	40 U	38 U	37 U
Aroclor-1248	33	38 U	35 U	40 U	38 U	37 U
Aroclor-1254	33	38 U	35 U	40 U	38 U	37 U
Aroclor-1260	33	38 U	35 U	40 U	38 U	37 U
DILUTION FACTOR:	1	1	1	1	1	1
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE EXTRACTED:	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03
DATE ANALYZED:	10/13/03	10/13/03	10/13/03	10/13/03	10/13/03	10/13/03
% MOISTURE:	12	6	17	12	11	10

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 5
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
 $\mu\text{g}/\text{kg}$

SAMPLE NUMBER:	D11862	D11863	D11864	D11865	D11866	D11870
SAMPLE LOCATION:	SS-13	SS-14	SS-15	SS-16	SS-17	PIT-01
LABORATORY NUMBER:	0309359-15	0309359-16	0309359-17	0309359-18	0309359-19	0309359-20
COMPOUND		CRQL				
alpha-BHC	1.7	2.2 U	1.8 U	1.8 U	1.9 U	3.7 U
beta-BHC	1.7	2.2 U	1.8 U	1.8 U	1.9 U	3.7 U
delta-BHC	1.7	5.8	0.93 J	1.8 U	1.9 U	3.7 U
gamma-BHC (Lindane)	1.7	2.2 U	1.8 U	1.8 U	1.9 U	4.1
Heptachlor	1.7	10	1.8 U	1.8 U	1.9 U	1.8 J
Aldrin	1.7	2.2 U	1.8 U	1.8 U	1.9 U	3.7 U
Heptachlor Epoxide	1.7	2.2 U	1.8 U	1.8 U	1.9 U	3.7 U
Endosulfan I	1.7	2.2 U	1.8 U	1.8 U	1.9 U	46
Dieldrin	3.3	4.2 U	3.5 U	3.5 U	3.6 U	49
4,4'-DDE	3.3	4.2 U	3.5 U	3.5 U	3.6 U	7.1 U
Endrin	3.3	4.2 U	3.5 U	3.5 U	3.6 U	7.1 U
Endosulfan II	3.3	4.2 U	3.5 U	3.5 U	3.6 U	7.1 U
4,4'-DDD	3.3	4.2 U	3.5 U	3.5 U	3.6 U	7.1 U
Endosulfan Sulfate	3.3	4.2 U	3.5 U	3.5 U	3.6 U	7.1 U
4,4'-DDT	3.3	20	3.5 U	3.5 U	3.6 U	7.1 U
Methoxychlor	17	340	18 U	18 U	19 U	56
Endrin Ketone	3.3	92	2.5 J	3.5 U	3.6 U	19
Endrin Aldehyde	3.3	4.2 U	3.5 U	3.5 U	3.6 U	7.1 U
alpha-Chlordane	1.7	2.2 U	1.8 U	1.8 U	1.9 U	3.7 U
gamma-Chlordane	1.7	2.2 U	1.8 U	1.8 U	1.9 U	3.7 U
Toxaphene	170	220 U	180 U	180 U	190 U	370 U
Aroclor-1016	33	42 U	35 U	35 U	36 U	71 U
Aroclor-1221	67	85 U	72 U	71 U	74 U	140 U
Aroclor-1232	33	42 U	35 U	35 U	36 U	71 U
Aroclor-1242	33	42 U	35 U	35 U	36 U	71 U
Aroclor-1248	33	42 U	35 U	35 U	36 U	71 U
Aroclor-1254	33	42 U	35 U	35 U	36 U	1500
Aroclor-1260	33	42 U	35 U	35 U	36 U	71 U
DILUTION FACTOR:		1	1	1	1	1
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE EXTRACTED:	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03
DATE ANALYZED:	10/13/03	10/13/03	10/13/03	10/13/03	10/21/03	10/21/03
% MOISTURE:	21	7	6	9	7	37

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11874
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
µg/kg

SAMPLE NUMBER:	D11874	D11875	D11876	D11877	D11878
SAMPLE LOCATION:	SS-18	SS-19	SS-20	SS-21	SS-22
LABORATORY NUMBER:	0309360-01	0309360-02	0309360-03	0309360-04	0309360-05
COMPOUND					CRQL
alpha-BHC	1.7	1.9 U	2.0 U	1.9 U	2.0 U
beta-BHC	1.7	1.9 U	2.0 U	1.9 U	2.0 U
delta-BHC	1.7	1.9 U	2.0 U	1.9 U	2.0 U
gamma-BHC (Lindane)	1.7	1.9 U	2.0 U	1.9 U	2.0 U
Heptachlor	1.7	1.9 U	R	4.6	3.2 J
Aldrin	1.7	1.9 U	2.0 U	1.9 U	2.0 U
Heptachlor Epoxide	1.7	1.9 U	2.0 U	1.9 U	2.0 U
Endosulfan I	1.7	1.9 U	2.0 U	1.9 U	2.1 J
Dieldrin	3.3	3.7 U	3.8 U	3.7 U	3.8 U
4,4'-DDE	3.3	3.7 U	3.8 U	3.7 U	4.0 U
Endrin	3.3	3.7 U	3.8 U	3.7 U	4.0 U
Endosulfan II	3.3	3.7 U	3.8 U	3.7 U	3.8 U
4,4'-DDD	3.3	3.7 U	3.8 U	3.7 U	4.0 U
Endosulfan Sulfate	3.3	3.7 U	3.8 U	3.7 U	4.0 U
4,4'-DDT	3.3	3.7 U	*38 U	R	4.2
Methoxychlor	17	14 J	210 J	42	88
Endrin Ketone	3.3	3.6 J	*58 J	13	31
Endrin Aldehyde	3.3	3.7 U	3.8 U	3.7 U	4.0 U
alpha-Chlordane	1.7	1.9 U	2.0 U	1.9 U	2.0 U
gamma-Chlordane	1.7	1.9 U	2.0 U	1.9 U	R
Toxaphene	170	190 U	200 U	190 U	190 U
Aroclor-1016	33	37 U	38 U	37 U	38 U
Aroclor-1221	67	74 U	77 U	74 U	76 U
Aroclor-1232	33	37 U	38 U	37 U	38 U
Aroclor-1242	33	37 U	38 U	37 U	38 U
Aroclor-1248	33	37 U	38 U	37 U	38 U
Aroclor-1254	33	37 U	38 U	37 U	38 U
Aroclor-1260	33	37 U	38 U	37 U	38 U
DILUTION FACTOR:	1	1/10*	1	1	1
DATE SAMPLED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE EXTRACTED:	10/01/03	10/01/03	10/01/03	10/01/03	10/01/03
DATE ANALYZED:	10/17/03	10/17/03	10/17/03	10/17/03	10/18/03
% MOISTURE:	10	13	10	12	17

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0632F SDG: D11827
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 6
PESTICIDE/POLYCHLORINATED BIPHENYL AQUEOUS ANALYSIS
NON-VALIDATED DATA
µg/L

SAMPLE NUMBER:	D11828	
SAMPLE LOCATION:	RB-01	
LABORATORY NUMBER:	0309359-02	
COMPOUND	CRQL	
alpha-BHC	0.050	0.13
beta-BHC	0.050	0.11
delta-BHC	0.050	0.039 J
gamma-BHC (Lindane)	0.050	0.050 U
Heptachlor	0.050	0.23
Aldrin	0.050	0.41
Heptachlor Epoxide	0.050	0.43
Endosulfan I	0.050	0.050 U
Dieldrin	0.10	0.36
4,4'-DDE	0.10	0.10 U
Endrin	0.10	1.3
Endosulfan II	0.10	0.10 U
4,4'-DDD	0.10	0.10 U
Endosulfan Sulfate	0.10	0.10 U
4,4'-DDT	0.10	0.38
Methoxychlor	0.50	0.50 U
Endrin Ketone	0.10	0.32
Endrin Aldehyde	0.10	0.19
alpha-Chlordane	0.050	0.050 U
gamma-Chlordane	0.050	0.050 U
Toxaphene	5.0	5.0 U
Aroclor-1016	1.0	1.0 U
Aroclor-1221	2.0	2.0 U
Aroclor-1232	1.0	1.0 U
Aroclor-1242	1.0	1.0 U
Aroclor-1248	1.0	1.0 U
Aroclor-1254	1.0	1.5
Aroclor-1260	1.0	1.0 U
DILUTION FACTOR:	1	
DATE SAMPLED:	09/24/03	
DATE EXTRACTED:	10/01/03	
DATE ANALYZED:	10/10/03	

* - RESULT REPORTED FROM DILUTED ANALYSIS.

SITE: MILLER LISBON MILLS
CASE: 0617F SDG: D11850
LABORATORY: COMPUCHEM

TABLE 1
INORGANIC SOIL ANALYSES
NON-VALIDATED DATA
mg/kg

SAMPLE NUMBER:	D11850	D11851	D11852	D11853	D11854	D11855	D11856			
SAMPLE LOCATION:	SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-07			
LABORATORY NUMBER:	88901	88902	88903	88904	88905	88906	88907			
PERCENT SOLIDS:	94.6	92.4	90.3	91.5	93.0	93.1	90.7			
INSTRUMENT DETECTION LIMITS (mg/kg)						CONTRACT DETECTION LIMITS (mg/kg)				
INORGANIC ANALYTES	METHOD									
ALUMINUM	P	13.9	7890	6410	5780	5990	5350	6150	4640	40
ANTIMONY	P	0.38	0.39 U	0.38 U	0.40 U	0.39 U	0.41 U	0.43 UJ	0.40 U	12
ARSENIC	P	0.42	9.0	7.8	8.6	4.8	5.6	5.8	4.1	2
BARIUM	P	0.06	24.4	20.4	23.3	20.0	17.9	20.6	18.0	40
BERYLLIUM	P	0.04	0.32 U	0.24 U	0.21 U	0.21 U	0.23 U	0.23 U	0.17 U	1
CADMIUM	P	0.06	0.061 U	0.061 U	0.063 U	0.061 U	0.065 U	0.060 U	0.063 U	1
CALCIUM	P	3.7	3620 J	2700 J	2430 J	2450 J	2680 J	2600 J	2240 J	1000
CHROMIUM	P	0.20	16.4	20.9	11.9	13.5	10.7	12.6	17.1	2
COBALT	P	0.16	4.0	3.8	2.7	2.1	2.0	2.4	1.8	10
COPPER	P	0.26	13.4	12.9	7.8	9.9	9.4	10.0	13.1	5
IRON	P	4.1	9110	9150	7840	7350	7110	8170	7520	20
LEAD	P	0.22	4.1	41.7	7.5	13.0	8.8	6.6	21.6	0.6
MAGNESIUM	P	2.5	2550	2300	2180	2110	1650	2230	1600	1000
MANGANESE	P	0.08	134	133	117	100	90.0	108	87.9	3
MERCURY	CV	0.050	0.053 U	0.052 U	0.050 U	0.048 U	0.054 U	0.045 U	0.053 U	0.1
NICKEL	P	0.20	17.5	15.8	11.8	11.7	9.4	11.8	9.5	8
POTASSIUM	P	11.2	1430 J	1230 J	1340 J	1270 J	1010 J	1210 J	1040 J	1000
SELENIUM	P	0.50	0.51 UJ	0.51 UJ	0.53 UJ	0.51 UJ	0.54 UJ	0.50 UJ	0.53 UJ	1
SILVER	P	0.18	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	2
SODIUM	P	55.2	409	350 U	418	357 U	337 U	348 U	312 U	1000
THALLIUM	P	0.74	0.75 UJ	0.75 UJ	0.78 UJ	0.75 UJ	0.80 UJ	0.74 UJ	0.78 UJ	2
VANADIUM	P	0.20	14.6	19.3	14.1	15.5	12.9	14.7	11.0	10
ZINC	P	0.22	40.8	58.6	47.6	36.9	33.4	25.9	46.9	4

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).

U = VALUE IS NON-DETECTED.

UJ = VALUE IS NON-DETECTED AND DETECTION LIMIT IS ESTIMATED.

R = VALUE IS REJECTED.

NA = NOT ANALYZED.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0617F SDG: D11850
LABORATORY: COMPUCHEM

TABLE 1
INORGANIC SOIL ANALYSES
NON-VALIDATED DATA
mg/kg

SAMPLE NUMBER:	D11857	SAMPLE LOCATION:	SS-08	D11858	SS-09	D11859	SS-10	D11860	SS-11	D11861	SS-12	D11862	SS-13	D11863	SS-14
LABORATORY NUMBER:	88908		88909		88910		88911		88912		88913		88914		
PERCENT SOLIDS:	94.7		85.7		86.1		87.0		89.6		81.7		92.6		

INORGANIC ANALYTES	METHOD	INSTRUMENT DETECTION LIMITS (mg/kg)								CONTRACT DETECTION LIMITS (mg/kg)	
		P	13.9	4200	6920	7190	4650	4820	13400	4900	40
ALUMINUM	P	0.38	0.49 UJ	0.49 U	0.43 U	0.41 U	0.47 UJ	0.40 U	0.92 U	0.38 U	12
ANTIMONY	P	0.42	3.9	5.7	8.1	4.0	3.7	17.1	6.1	2	
ARSENIC	P	0.06	18.2	29.9	30.2	23.1	15.6	87.8	17.1	40	
BARIUM	P	0.04	0.14 U	0.30 U	0.23 U	0.17 U	0.16 U	0.76	0.18 U	1	
BERYLLIUM	P	0.06	0.062 U	0.068 U	0.065 U	0.24 U	0.064 U	0.31 U	0.060 U	1	
CADMIUM	P	3.7	1850 J	2810 J	2370 J	1900 J	2420 J	2670 J	2480 J	1000	
CALCIUM	P	0.20	10.4	20.7	19.8	14.6	9.9	37.2	10.8	2	
CHROMIUM	P	0.16	1.9	2.7	3.6	2.0	1.7	9.0	2.1	10	
COBALT	P	0.26	8.3	14.8	25.2	34.7	8.5	42.0	10.8	5	
IRON	P	4.1	9720	8630	10800	10400	5970	22500	7430	20	
LEAD	P	0.22	33.3	32.3	19.7	19.3	9.0	173	11.5	0.6	
MAGNESIUM	P	2.5	1550	2570	3010	1950	1570	5240	1820	1000	
MANGANESE	P	0.08	133	121	159	112	118	338	98.5	3	
MERCURY	CV	0.050	0.053 U	0.051 U	0.058 J	0.044 U	0.041 U	0.11 J	0.049 U	0.1	
NICKEL	P	0.20	14.8	14.8	18.9	13.4	9.9	45.3	10.7	8	
POTASSIUM	P	11.2	1030 J	1550 J	1720 J	1100 J	888 J	3080 J	1070 J	1000	
SELENIUM	P	0.50	0.51 UJ	0.60 J	0.54 UJ	0.78 J	0.53 UJ	1.0 J	0.50 UJ	1	
SILVER	P	0.18	0.18 U	0.20 U	0.19 U	0.20 U	0.19 U	0.21 U	0.18 U	2	
SODIUM	P	55.2	243 U	424	383 U	305 U	332 U	526	290 U	1000	
THALLIUM	P	0.74	0.76 UJ	0.84 UJ	0.80 UJ	0.84 UJ	0.79 UJ	0.86 UJ	0.74 UJ	2	
VANADIUM	P	0.20	11.6	17.6	21.9	16.3	10.9	50.1	10.2	10	
ZINC	P	0.22	77.0	49.4	57.8	58.3	44.0	112	51.7	4	

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).

U = VALUE IS NON-DETECTED.

UJ = VALUE IS NON-DETECTED AND DETECTION LIMIT IS ESTIMATED.

R = VALUE IS REJECTED.

NA = NOT ANALYZED.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

TABLE 1
INORGANIC SOIL ANALYSES
NON-VALIDATED DATA
mg/kg

SAMPLE NUMBER:	D11864	SAMPLE LOCATION:	SS-15	D11865	SS-16	D11866	SS-17	D11870	PIT-01	D11874	SS-18	D11875	SS-19
LABORATORY NUMBER:	88915		88916		88917		88918		88919		88920		
PERCENT SOLIDS:	95.0			90.7		93.3		58.5		92.3		90.2	

INORGANIC ANALYTES	METHOD	INSTRUMENT DETECTION LIMITS (mg/kg)							CONTRACT DETECTION LIMITS (mg/kg)						
		P	J	U	P	J	U	P							
ALUMINUM	P	13.9	5930	5670	7150	6900	4590	8570	40						
ANTIMONY	P	0.38	0.37	U	0.40	U	5.9	J	0.39	U	12				
ARSENIC	P	0.42	10.4	5.6	7.6	21.6	J	3.8	9.9	2					
BARIUM	P	0.06	23.2	21.4	66.6	291	18.5	43.8	40						
BERYLLIUM	P	0.04	0.18	U	0.17	U	0.25	U	0.30	U	0.36	1			
CADMIUM	P	0.06	0.058	U	0.062	U	0.93	J	0.063	U	0.062	U	1		
CALCIUM	P	3.7	2080	J	2410	J	1720	J	12800	J	1860	J	3050	J	1000
CHROMIUM	P	0.20	14.3	15.5	15.3	249		10.5	22.9		2				
COBALT	P	0.16	3.3	2.4	3.3	18.0	J	2.2	4.3		10				
COPPER	P	0.26	10.2	11.5	88.5	333		6.4	13.3		5				
IRON	P	4.1	8370	8450	12100	215000	6530		11900		20				
LEAD	P	0.22	2.7	5.1	59.3	704	15.0		28.6		0.6				
MAGNESIUM	P	2.5	2410	2530	2840	2640	1950		3840		1000				
MANGANESE	P	0.08	125	112	123	989	96.2		161		3				
MERCURY	CV	0.050	0.050	U	0.048	U	0.051	U	0.34	0.043	U	0.053	U	0.1	
NICKEL	P	0.20	13.7	11.8	16.9	151		10.1	19.4		8				
POTASSIUM	P	11.2	1510	J	1290	J	2050	J	1480	J	1030	J	2040	J	1000
SELENIUM	P	0.50	0.49	UJ	0.52	UJ	0.52	UJ	2.6	J	0.53	U	0.51	U	1
SILVER	P	0.18	0.17	U	0.19	U	0.19	U	0.30	U	0.19	U	0.18	U	2
SODIUM	P	55.2	349	U	259	U	416		601		303	U	462		1000
THALLIUM	P	0.74	0.72	UJ	0.77	UJ	0.77	UJ	R	0.78	UJ	0.76	UJ	2	
VANADIUM	P	0.20	13.3	13.2	31.2	26.7	J	10.6	25.6		10				
ZINC	P	0.22	34.4	22.0	309	1020		24.6	37.3		4				

ANALYTICAL METHOD

P - ICP

CV - COLD VAPOR

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).

U = VALUE IS NON-DETECTED.

UJ = VALUE IS NON-DETECTED AND DETECTION LIMIT IS ESTIMATED.

R = VALUE IS REJECTED.

NA = NOT ANALYZED.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0617F SDG: 890
LABORATORY: COMPUCHEM

TABLE 1
INORGANIC SOIL ANALYSES
NON-VALIDATED DATA
mg/kg

SAMPLE NUMBER:	D11876	D11877	D11878
SAMPLE LOCATION:	SS-20	SS-21	SS-22
LABORATORY NUMBER:	89001	89002	89003
PERCENT SOLIDS:	90.1	88.1	79.0

INORGANIC ANALYTES	METHOD	INSTRUMENT DETECTION LIMITS (mg/kg)			CONTRACT DETECTION LIMITS (mg/kg)		
		P	J	U			
ALUMINUM	P	2.5	6780	5500	4430	40	
ANTIMONY	P	0.70	0.42	U	0.48	0.44	12
ARSENIC	P	0.72	7.4	4.7	5.7		2
BARIUM	P	0.84	30.8	646	16.2		40
BERYLLIUM	P	0.02	0.36	0.23	0.15		1
CADMIUM	P	0.06	0.067	U	0.21	0.070	1
CALCIUM	P	21.2	2360	2590	2290		1000
CHROMIUM	P	0.22	16.2	14.4	10.0		2
COBALT	P	0.34	3.4	2.7	2.1		10
COPPER	P	0.46	12.7	12.0	6.6		5
IRON	P	5.1	9260	7420	5570		20
LEAD	P	0.36	16.4	76.7	6.0		0.6
MAGNESIUM	P	25.4	2450	1940	1620		1000
MANGANESE	P	0.06	137	117	70.8		3
MERCURY	CV	0.05	0.055	U	0.055	0.055	0.1
NICKEL	P	0.42	15.4	11.2	9.4		8
POTASSIUM	P	44.0	1630	1120	1200		1000
SELENIUM	P	0.94	0.56	U	0.56	U	1
SILVER	P	0.42	0.20	U	0.20	U	2
SODIUM	P	121	424	418	337		1000
THALLIUM	P	1.3	0.82	U	0.82	U	2
VANADIUM	P	0.32	20.6	15.7	10.2		10
ZINC	P	0.62	29.3	367	19.0		4

ANALYTICAL METHOD
F - FURNACE
P - ICP
CV - COLD VAPOR
AS - SEMI AUTOMATED SPECTROPHOTOMETRIC
CA - MIDI-DISTILLATION SPECTROPHOTOMETRIC

NOTE:

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R = VALUE IS REJECTED.

NA = NOT ANALYZED.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: MILLER LISBON MILLS
CASE: 0617F SDG: D11828
LABORATORY: COMPUCHEM

TABLE 1
INORGANIC AQUEOUS ANALYSIS
NON-VALIDATED DATA
μg/L

SAMPLE NUMBER: D11828
SAMPLE LOCATION: RB-01
LABORATORY NUMBER: 88801

INORGANIC ANALYTES	METHOD	INSTRUMENT DÉTECTION		CONTRACT DETECTION LIMITS (μg/L)
		LIMITS (μg/L)		
ALUMINUM	P	28.7	117 U	200
ANTIMONY	P	4.0	4.0 U	60
ARSENIC	P	2.6	2.6 U	10
BARIUM	P	0.40	3.8	200
BERYLLIUM	P	0.20	0.28 UJ	5
CADMIUM	P	0.40	0.40 UJ	5
CALCIUM	P	18.4	92.2 U	5000
CHROMIUM	P	1.0	1.0 U	10
COBALT	P	1.1	1.1 U	50
COPPER	P	1.6	1.6 U	25
IRON	P	27.3	27.3 U	100
LEAD	P	2.1	2.1 U	3
MAGNESIUM	P	12.2	12.2 U	5000
MANGANESE	P	0.30	0.30 U	15
MERCURY	CV	0.10	0.10 U	0.2
NICKEL	P	1.2	1.2 U	40
POTASSIUM	P	42.5	606 U	5000
SELENIUM	P	4.3	4.3 U	5
SILVER	P	1.5	1.5 U	10
SODIUM	P	375	375 U	5000
THALLIUM	P	4.4	4.4 UJ	10
VANADIUM	P	1.4	1.4 U	50
ZINC	P	0.90	3.0 U	20

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR

NOTE: J - QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
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R - VALUE IS REJECTED.



Form I

Total Petroleum Hydrocarbons by GC/FID

Client: **Weston Solutions, Inc.**
Project: **DAS Case No. 0625F**
Client ID: **D11872**
Case: **0625F** SDG: **D11872**
Matrix: **Sludge**

Lab Code: **MA00030**
ETR: **0309092**
Lab ID: **0309092-01**
Associated Blank: **TO100103B05**
Concentration Units: **mg/Kg**

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
09/24/03	09/25/03	10/01/03	10/08/03	100	0.11	10	1	TLB

Parameter	Result
Fuel Oil #6	1200000

Qualitative Identification Results:

This sample has GC/FID characteristics which are similar to fuel oil #6. The absence of straight chain aliphatics indicates that the sample is weathered.

Surrogate	% Recovery	Acceptance Range (%)
5-alpha Androstane	91	20-120



Form I

Polychlorinated Biphenyls by GC/ECD

Client: Weston Solutions, Inc.
Project: DAS Case No. 0625F
Client ID: D11872
Case: 0625F SDG: D11872
Matrix: Sludge

Lab Code: MA00030
ETR: 0309092
Lab ID: 0309092-01
Associated Blank: PO100103B10
Concentration Units: $\mu\text{g}/\text{Kg}$

Date Collected	Date Received	Date Extracted	Date Analyzed	Percent Solid	Sample Amount (g)	Final Volume (ml)	Dilution Factor	Analyst
09/24/03	09/25/03	10/01/03	10/03/03	100	0.11	10	1	CMF

Parameter	Result
Aroclor 1016	4700 U
Aroclor 1221	4700 U
Aroclor 1232	4700 U
Aroclor 1242	4700 U
Aroclor 1248	4700 U
Aroclor 1254	4700 U
Aroclor 1260	4700 U

Surrogate	% Recovery	Acceptance Range (%)
Tetrachloro-meta-xylene	65	30-150
Decachlorobiphenyl	77	30-150

U - The analyte was analyzed for but not detected at the sample specific level reported.